

A-04014 FIGS. 1 - 93

FIG. 1

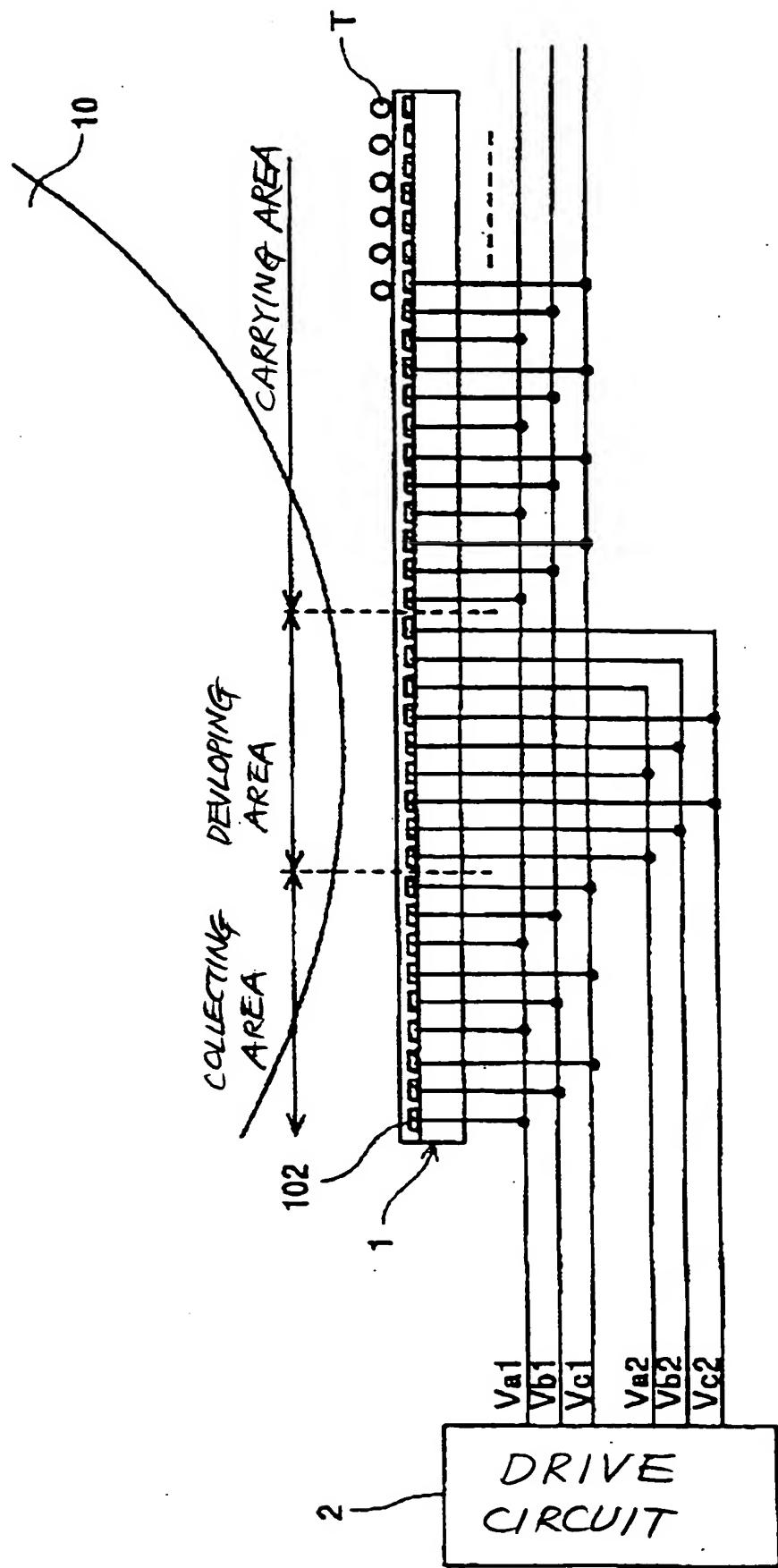


FIG. 2

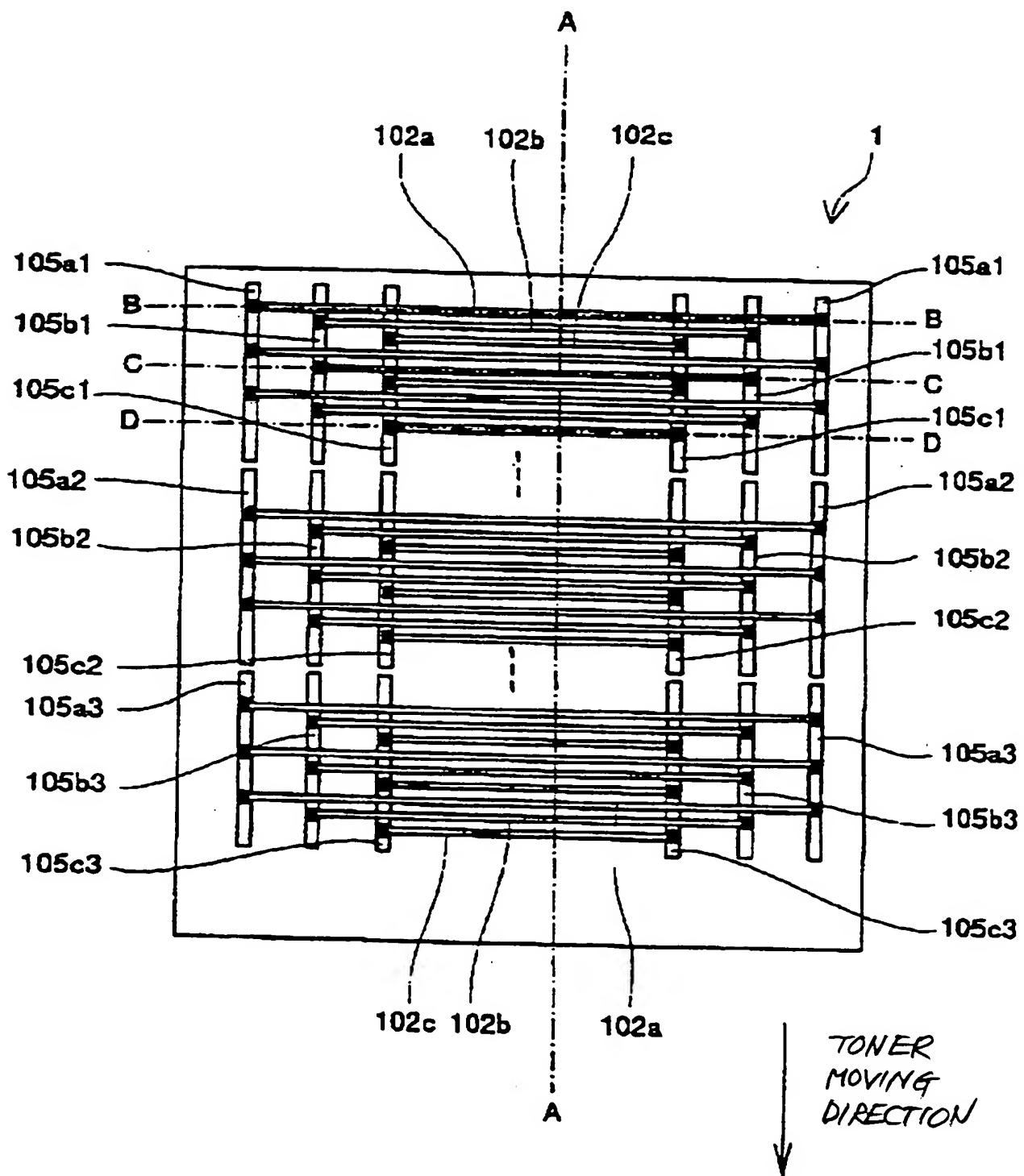


FIG. 3

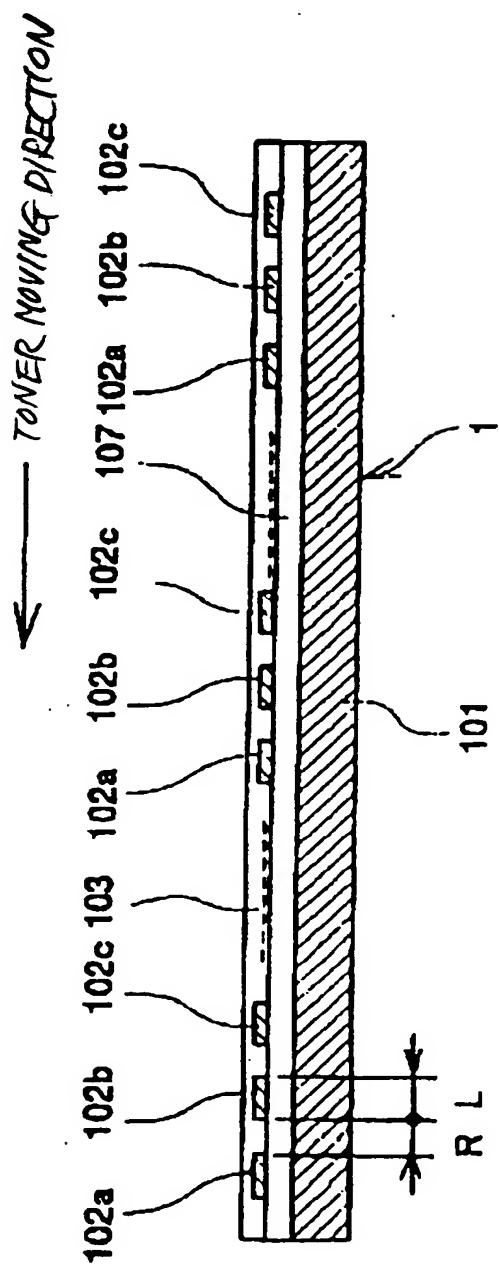


FIG. 4

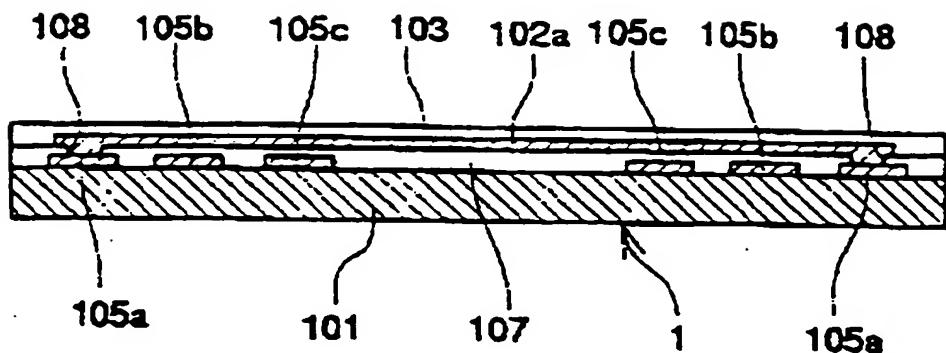


FIG. 5

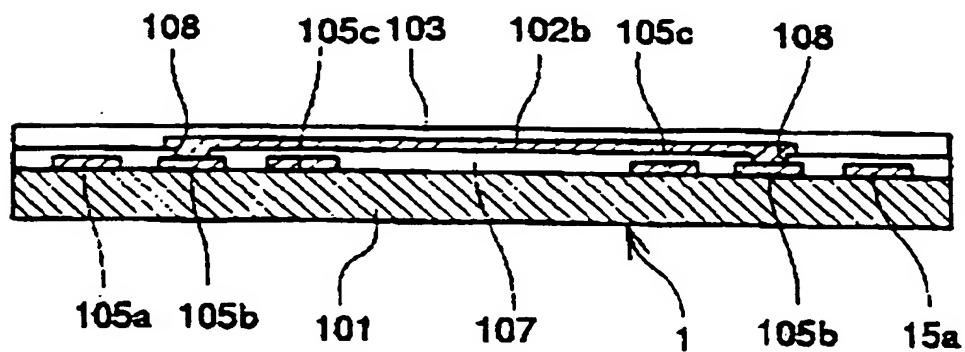


FIG. 6

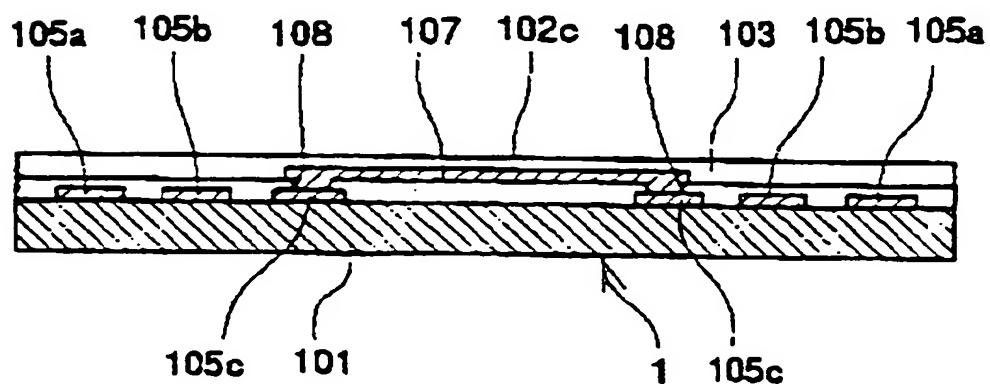


FIG. 7

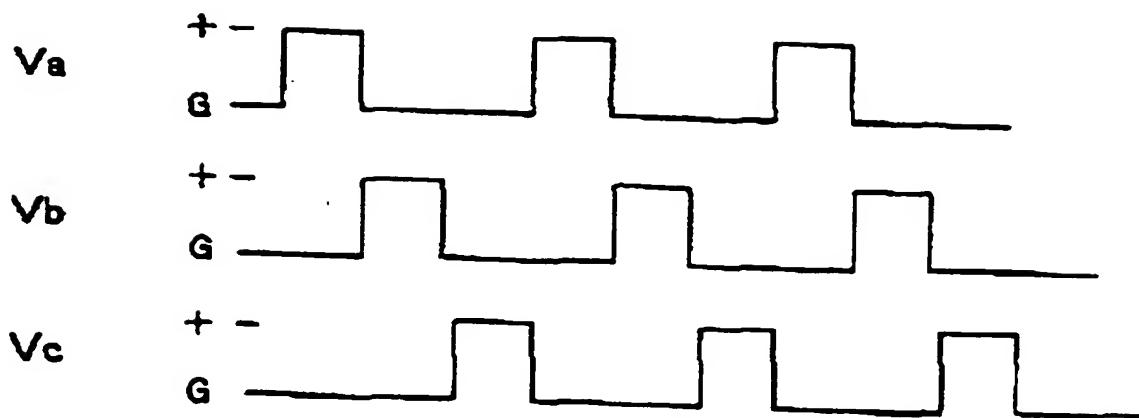


FIG. 8

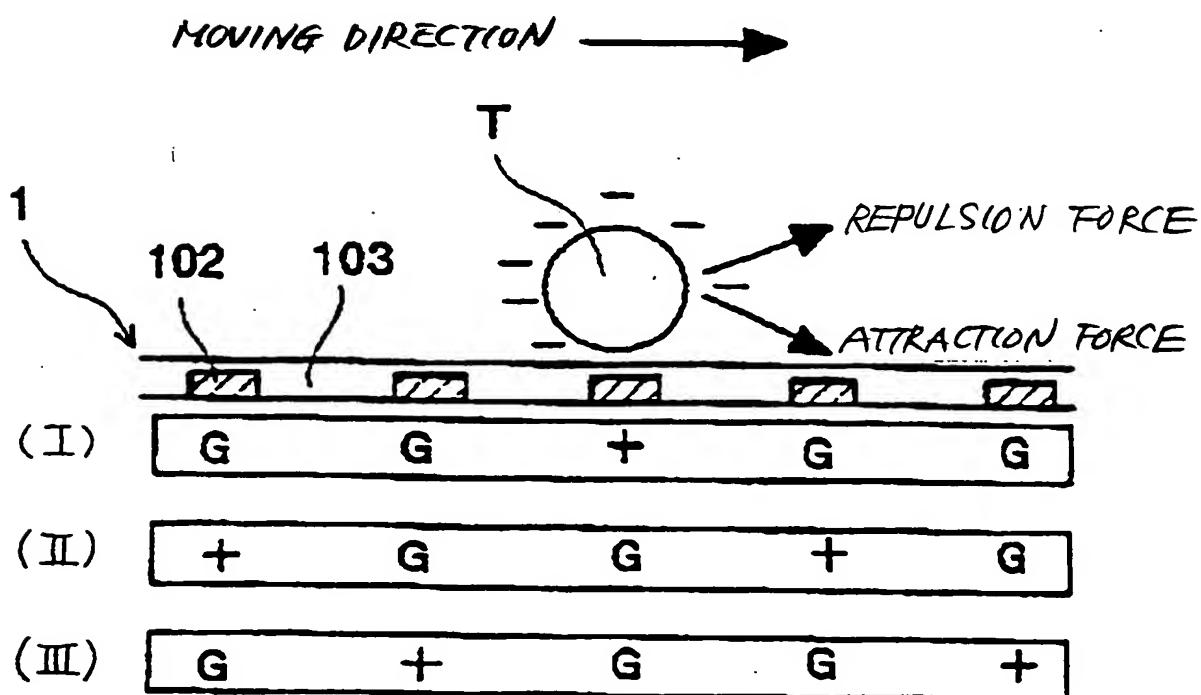


FIG. 9A

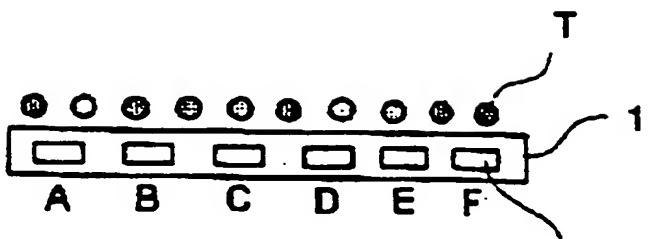


FIG. 9B

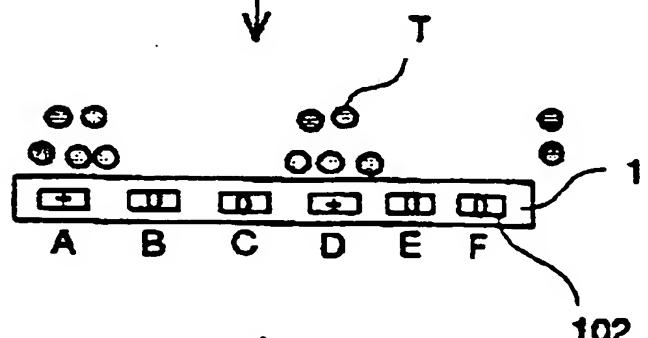


FIG. 9C

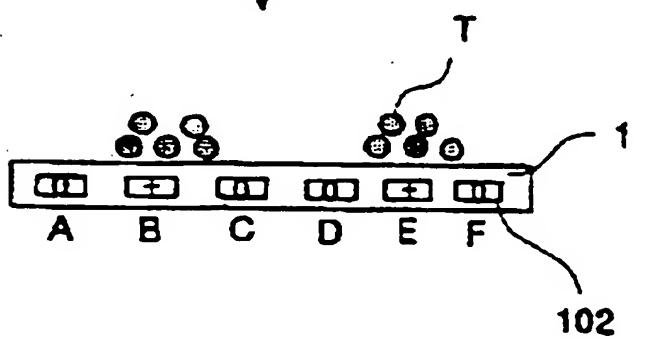


FIG. 9D

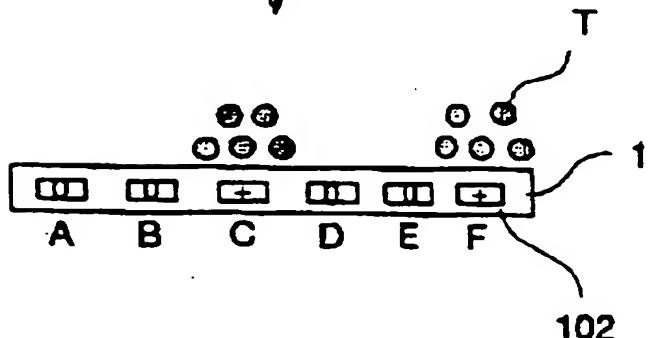


FIG. 10

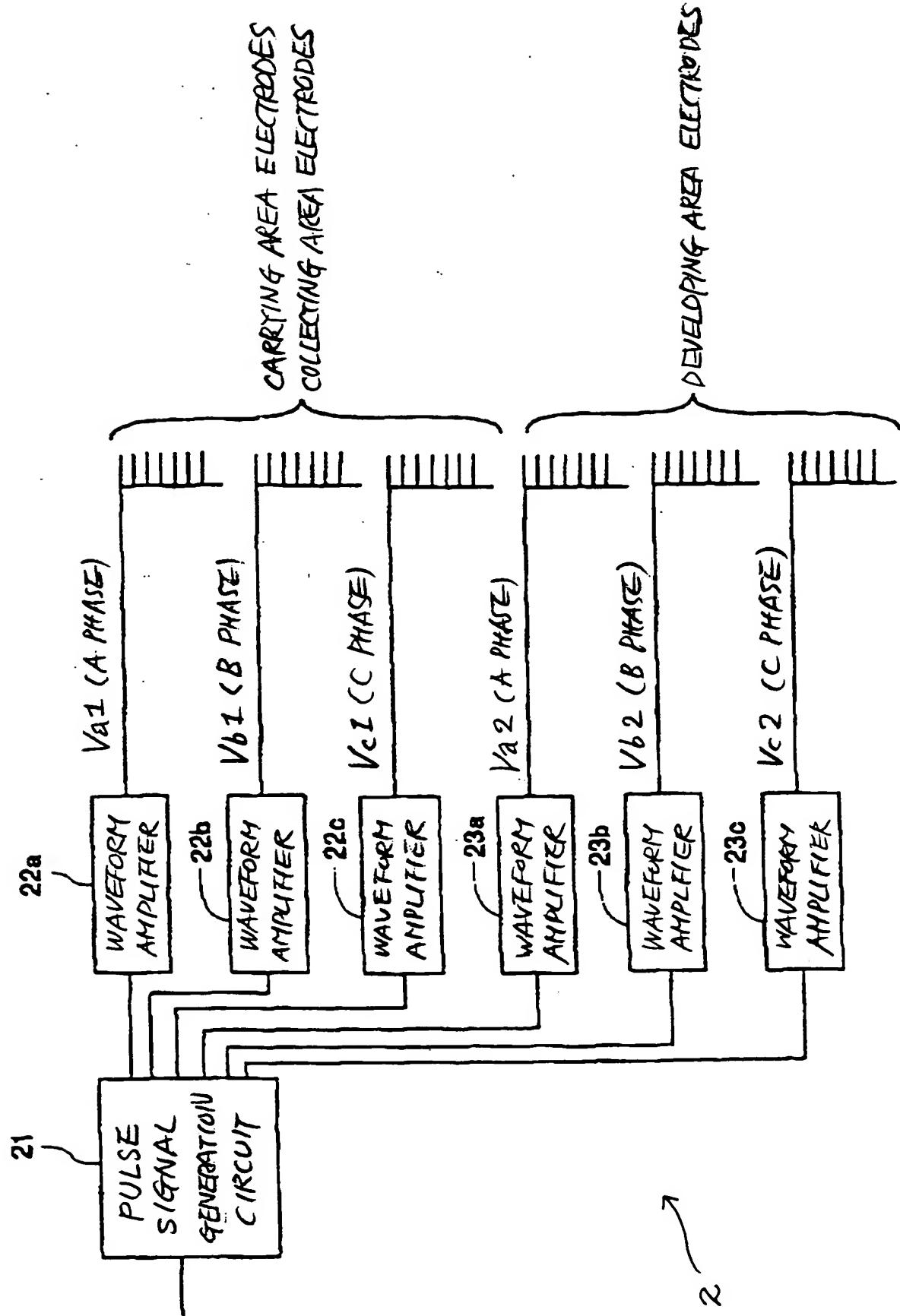


FIG. 11

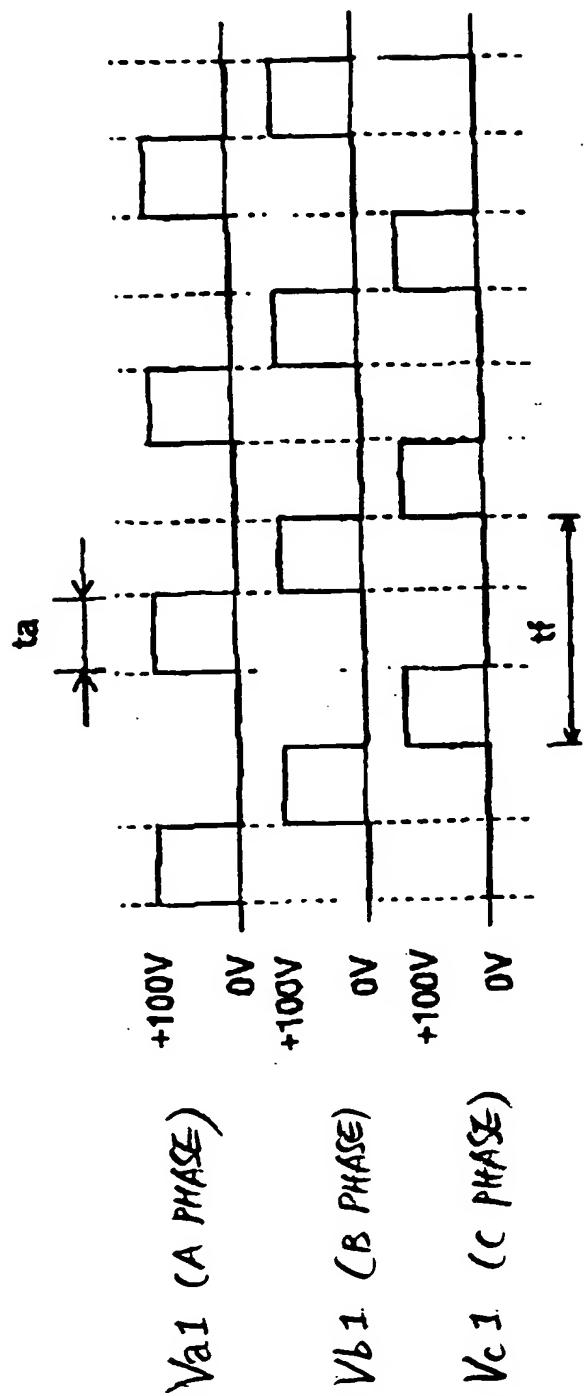


FIG. 12

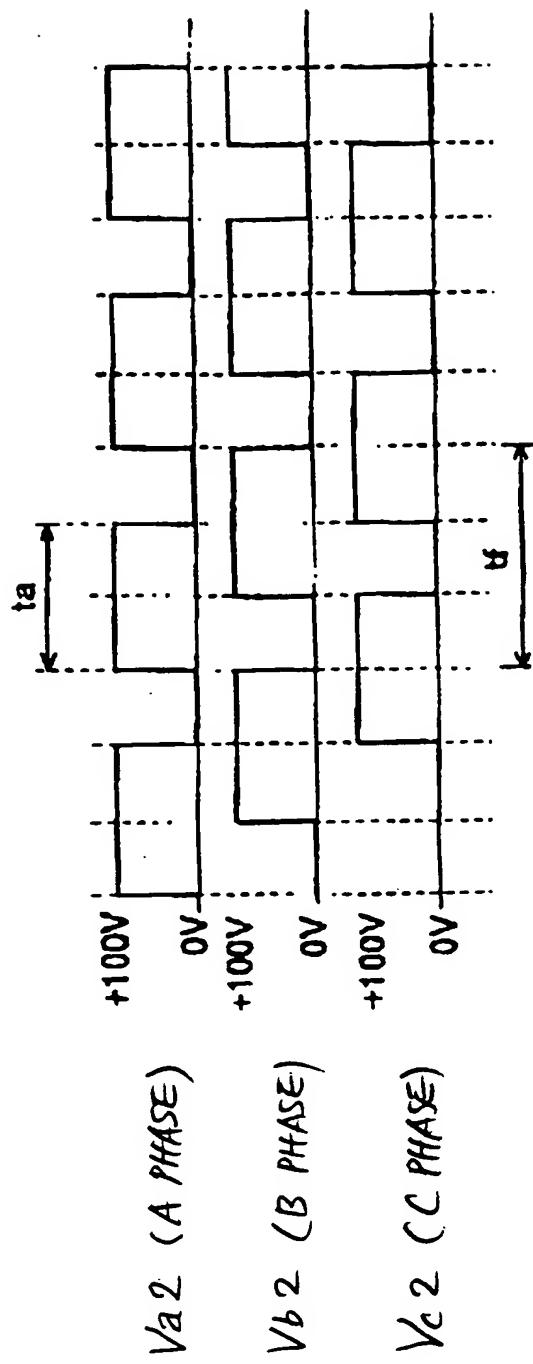


FIG. 13

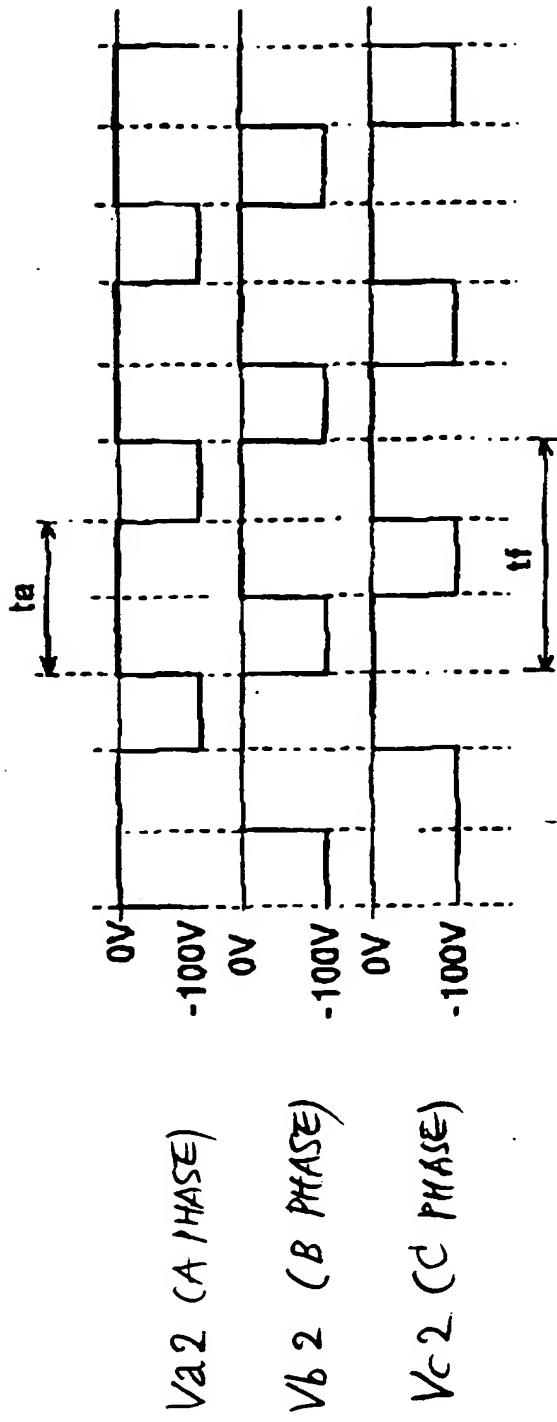


FIG. 14

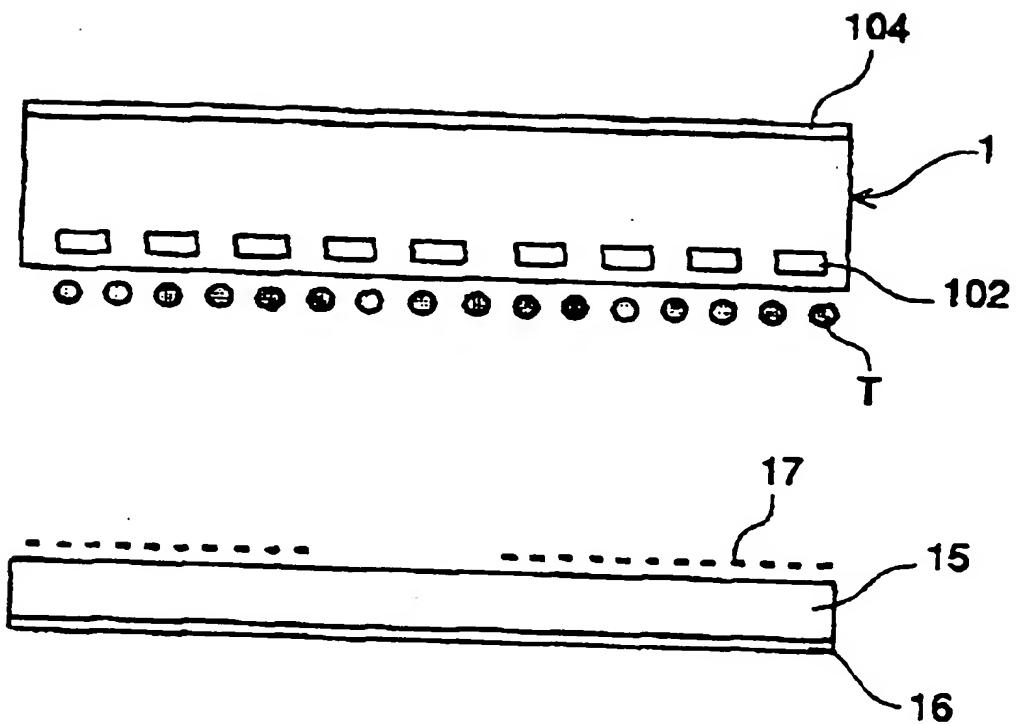


FIG. 15

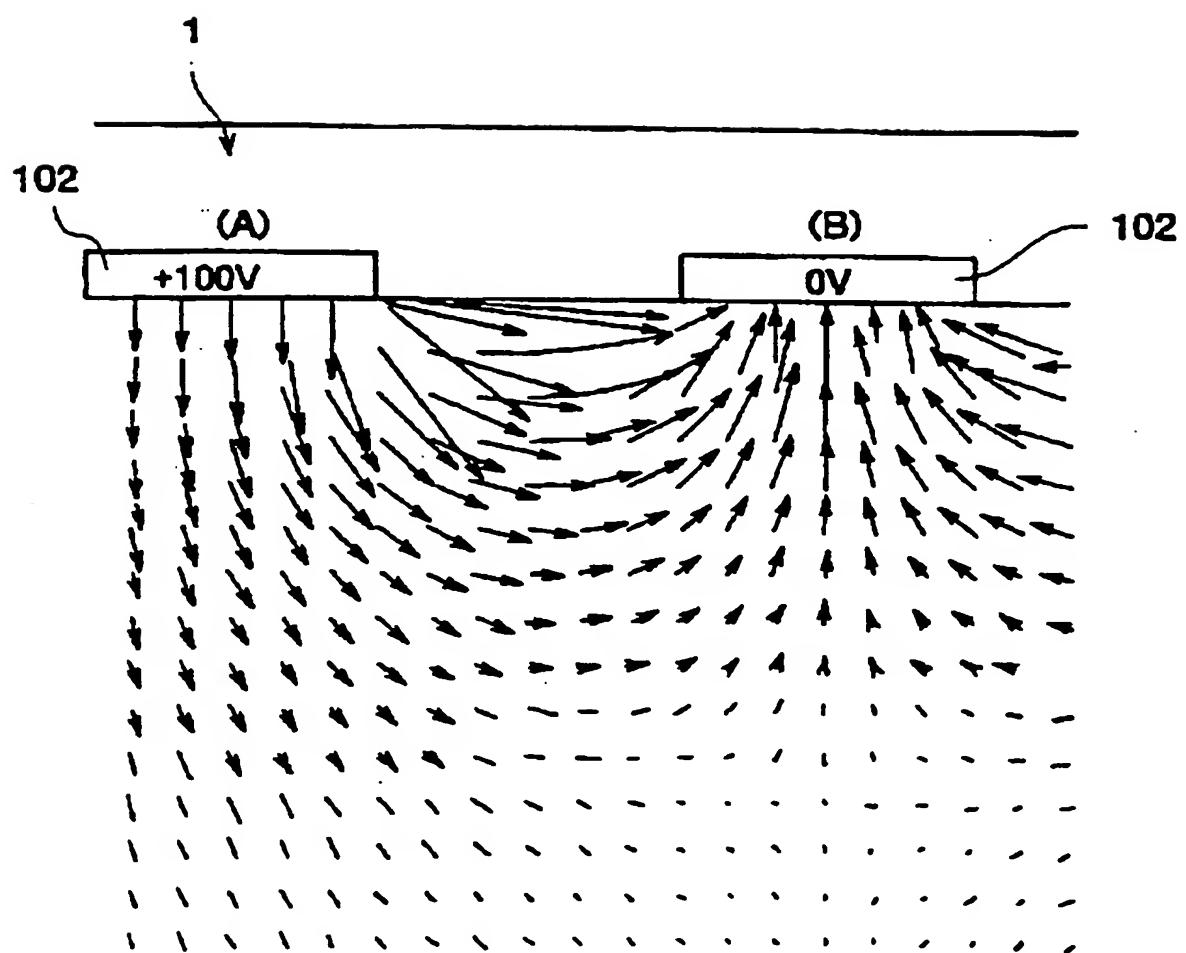


FIG. 16

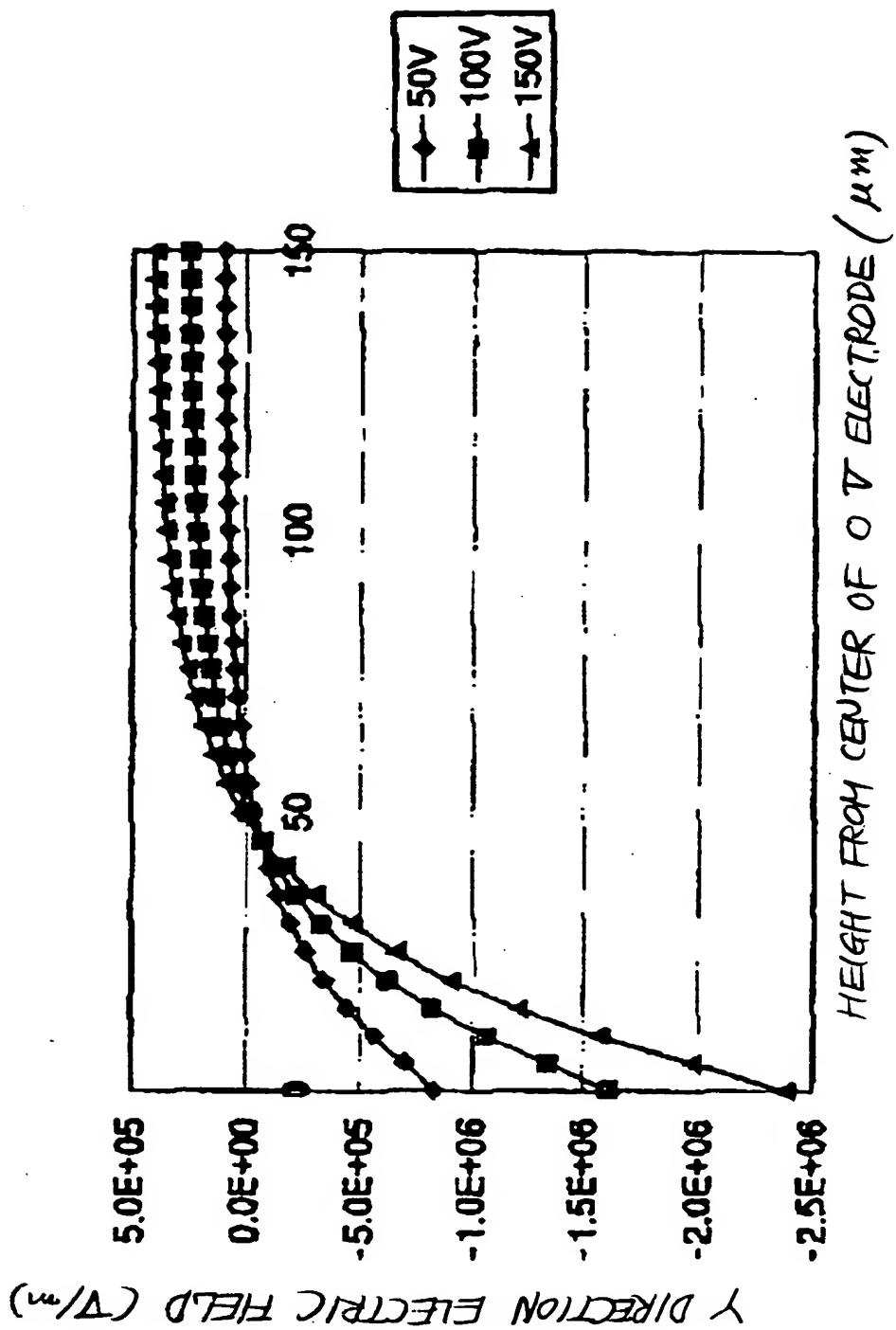


FIG. 17

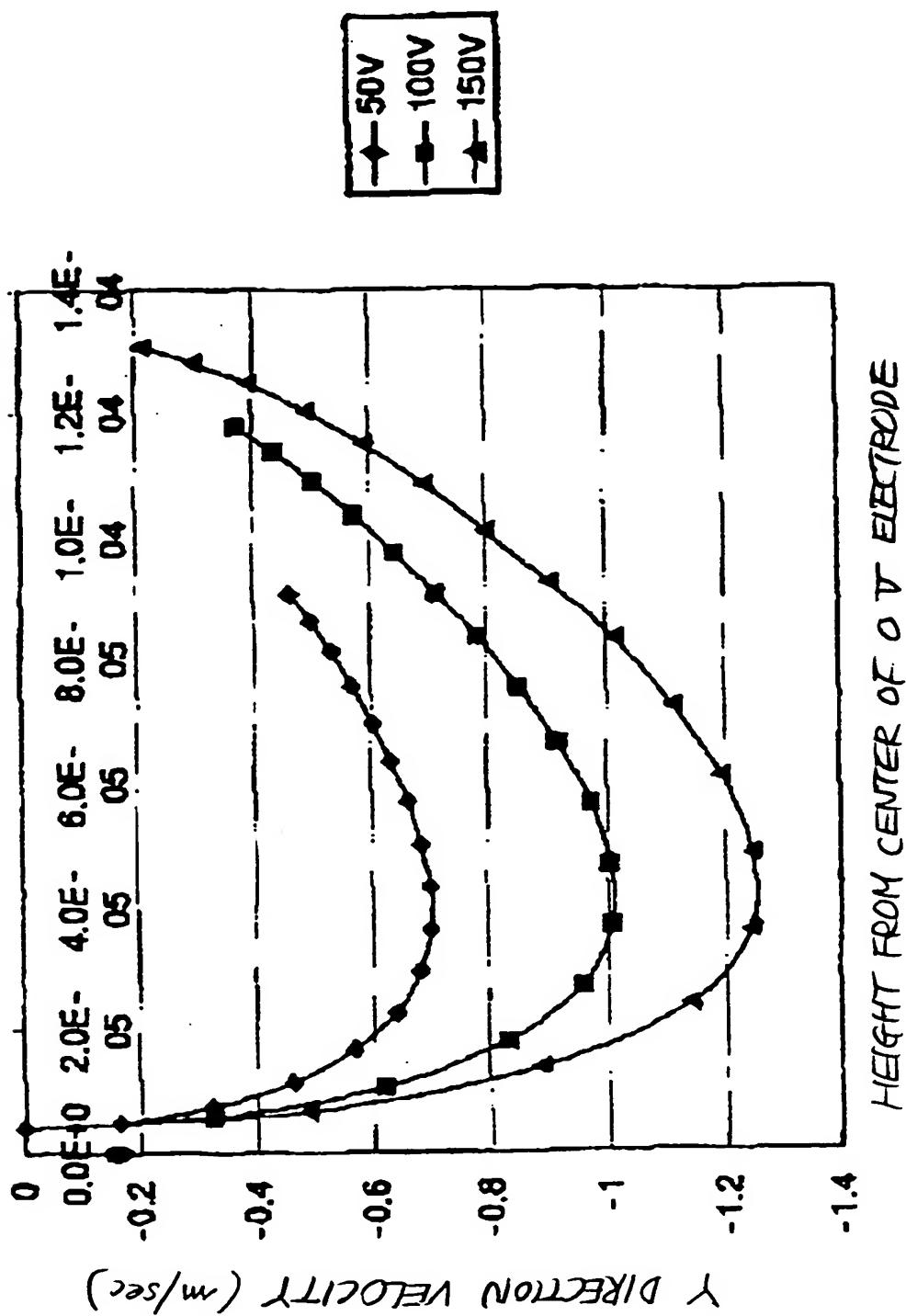


FIG. 18

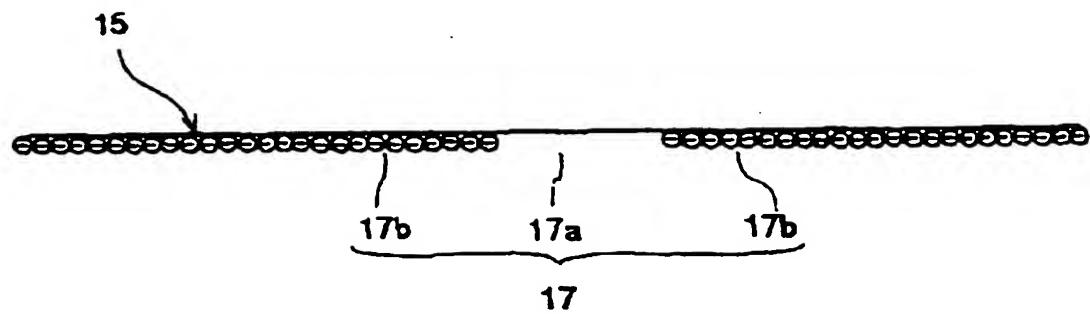
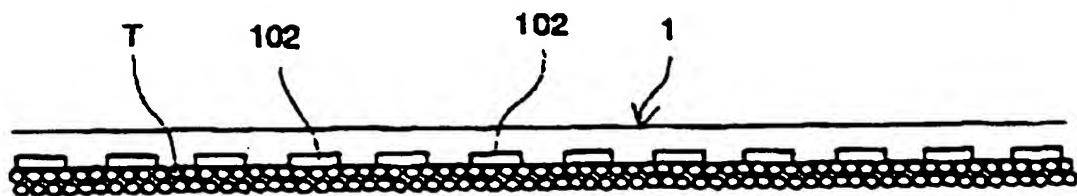


FIG. 19

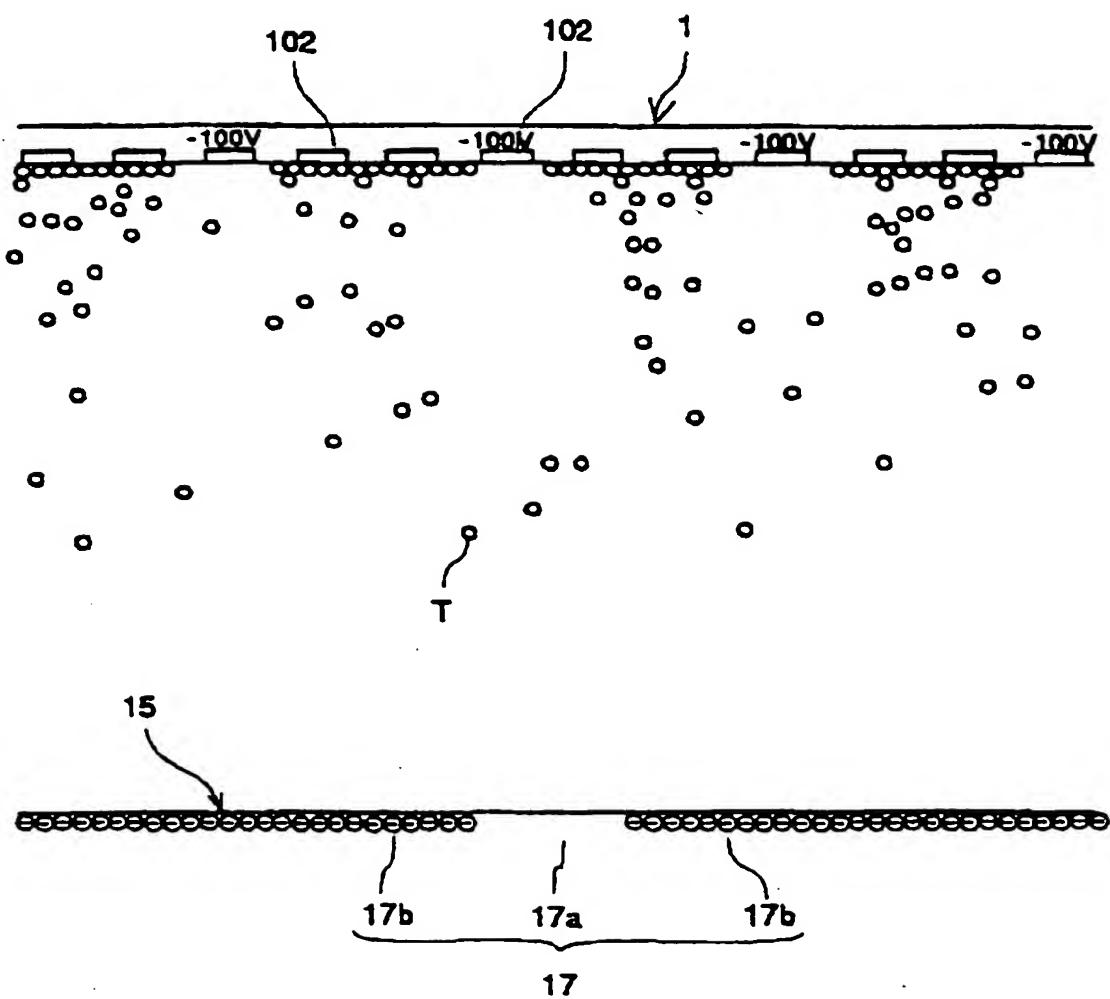


FIG. 20

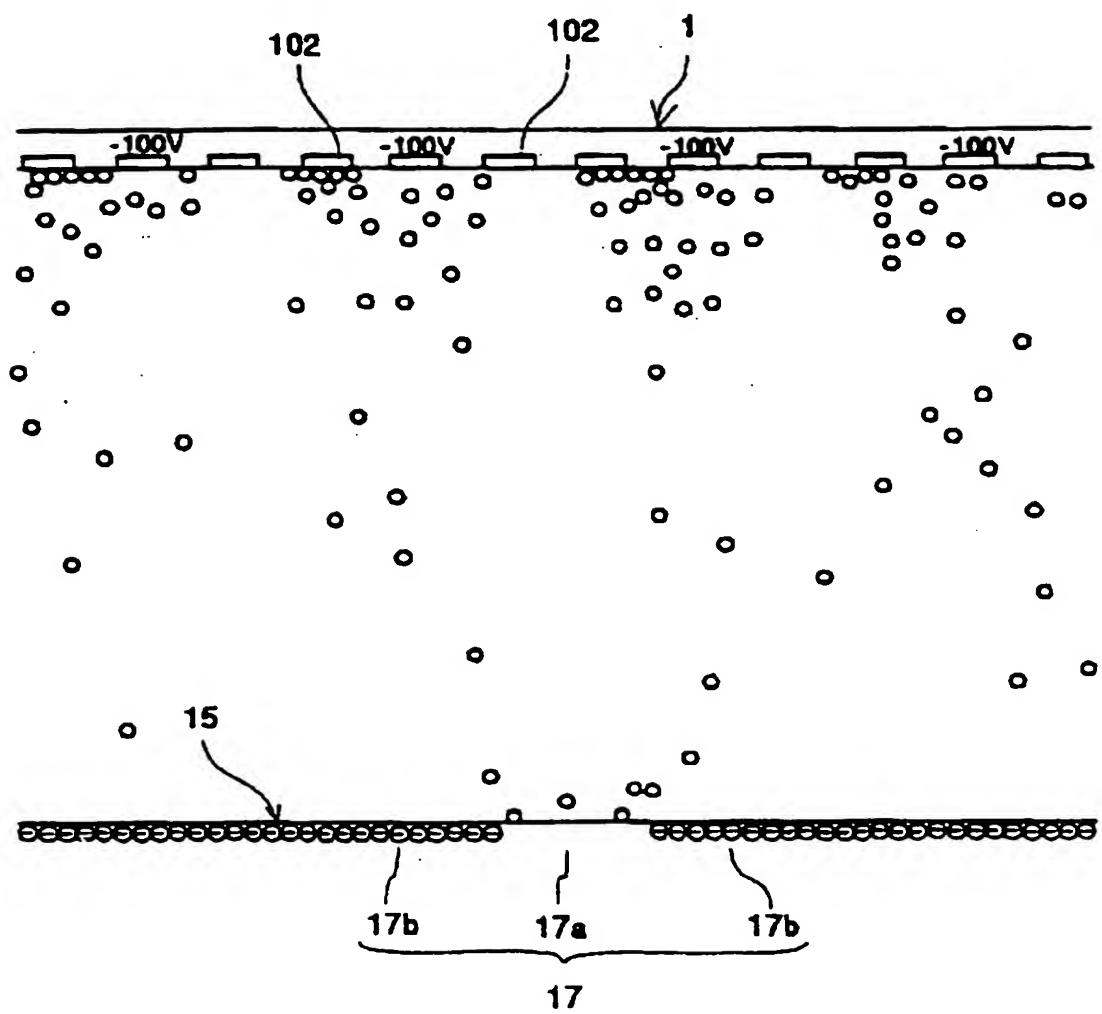


FIG. 21

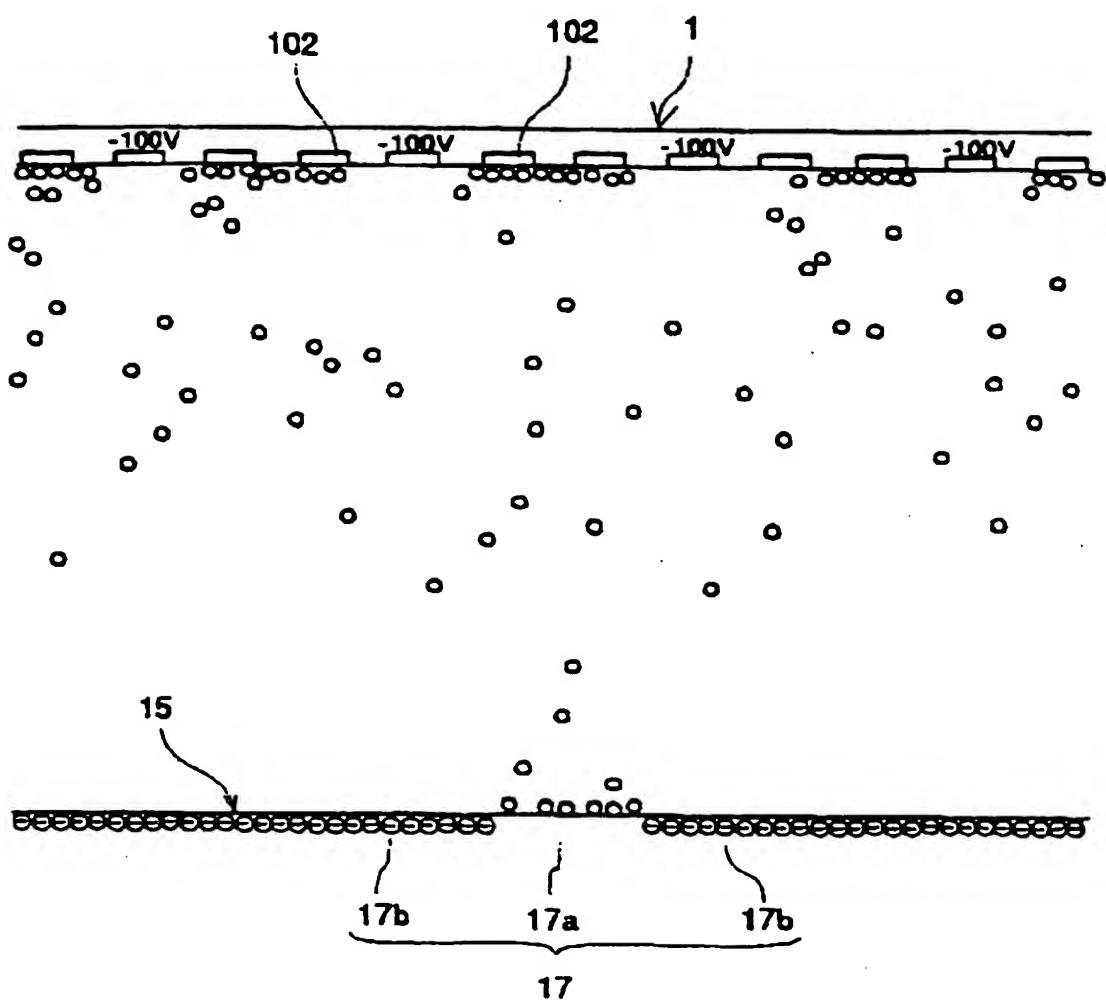


FIG. 22

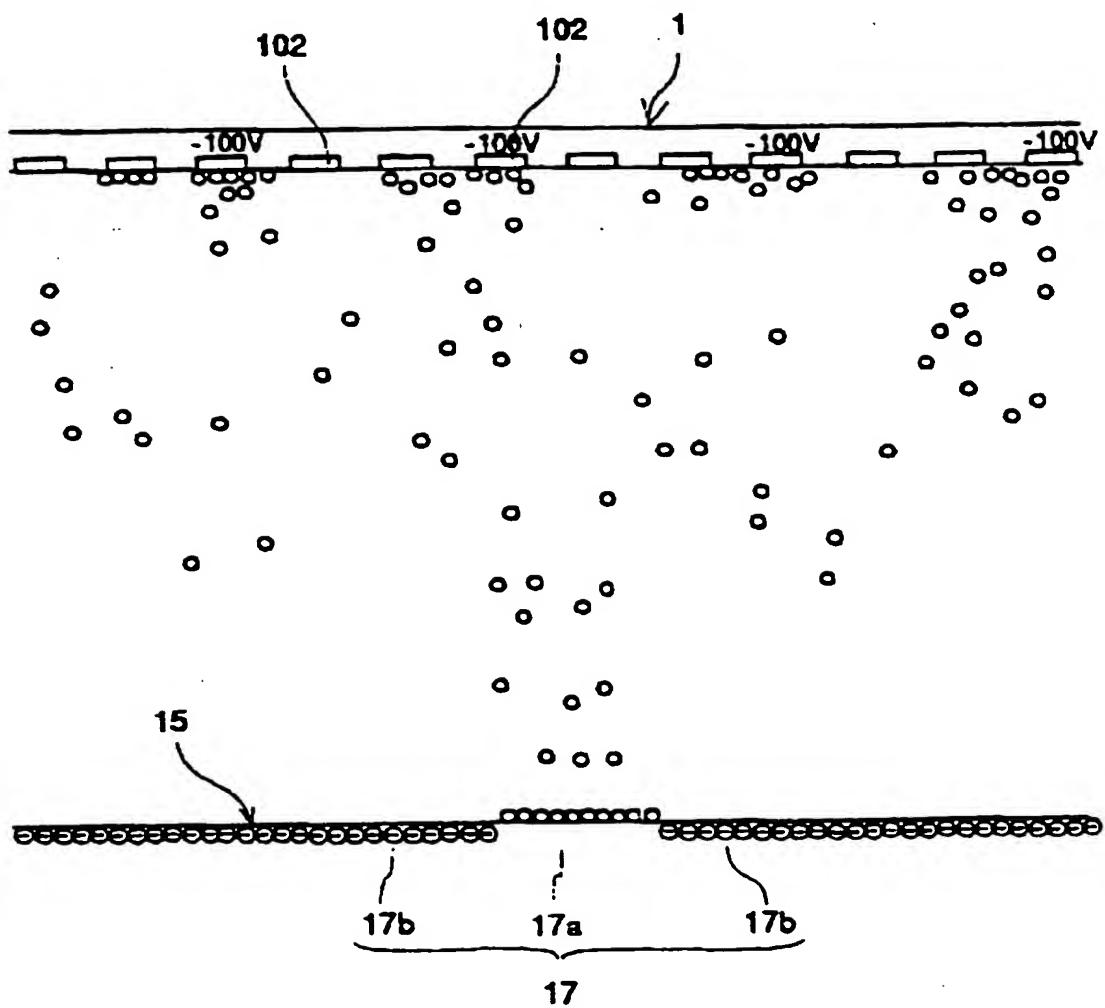


FIG. 23

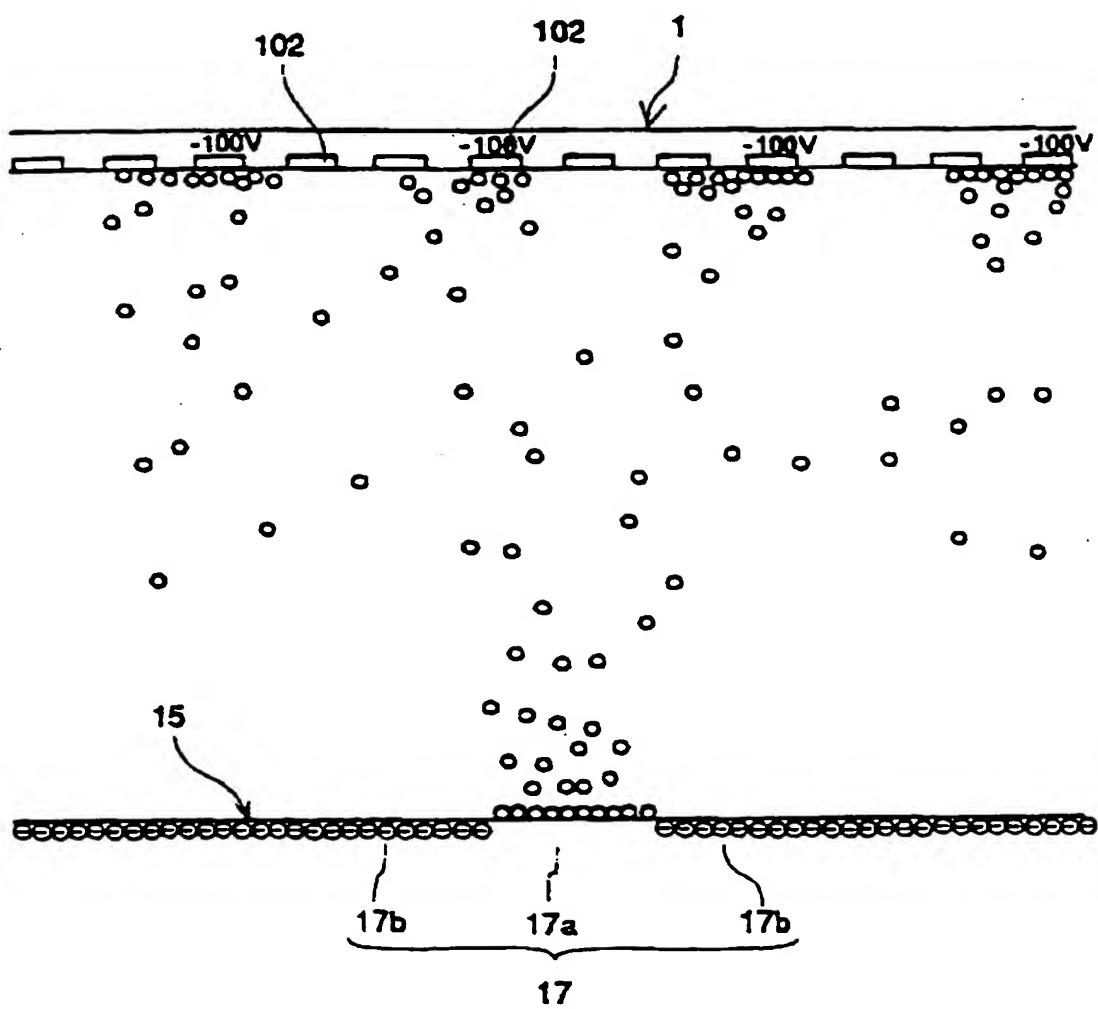


FIG. 24

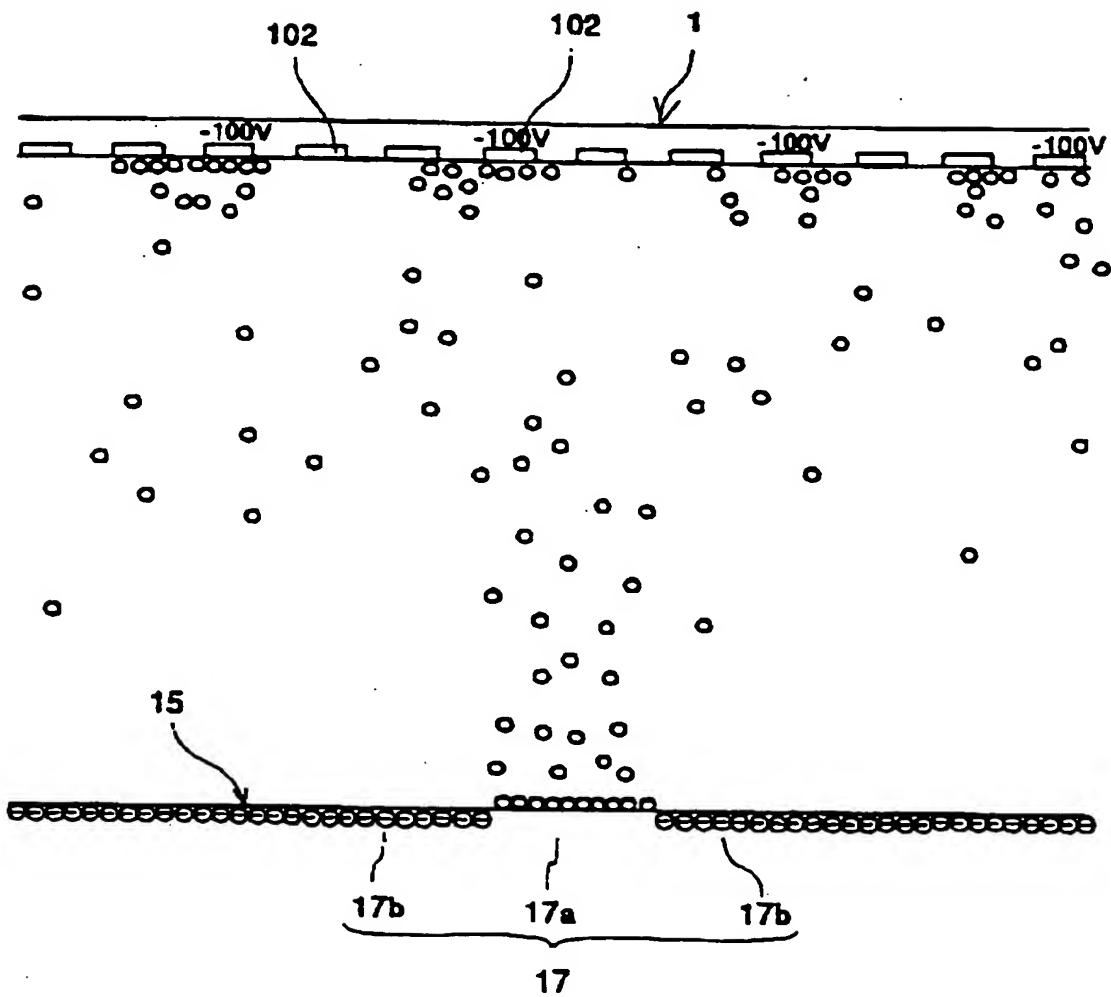


FIG. 25

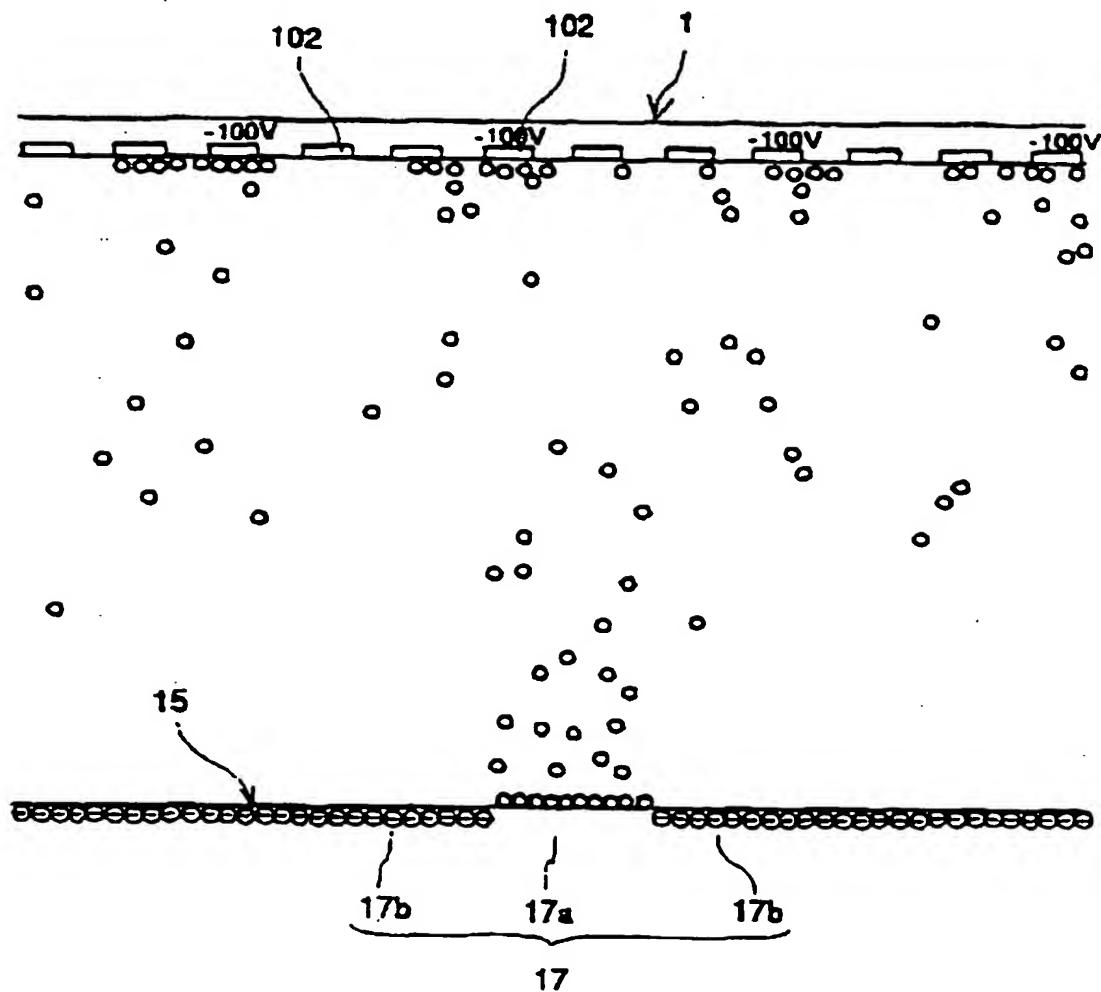


FIG. 26

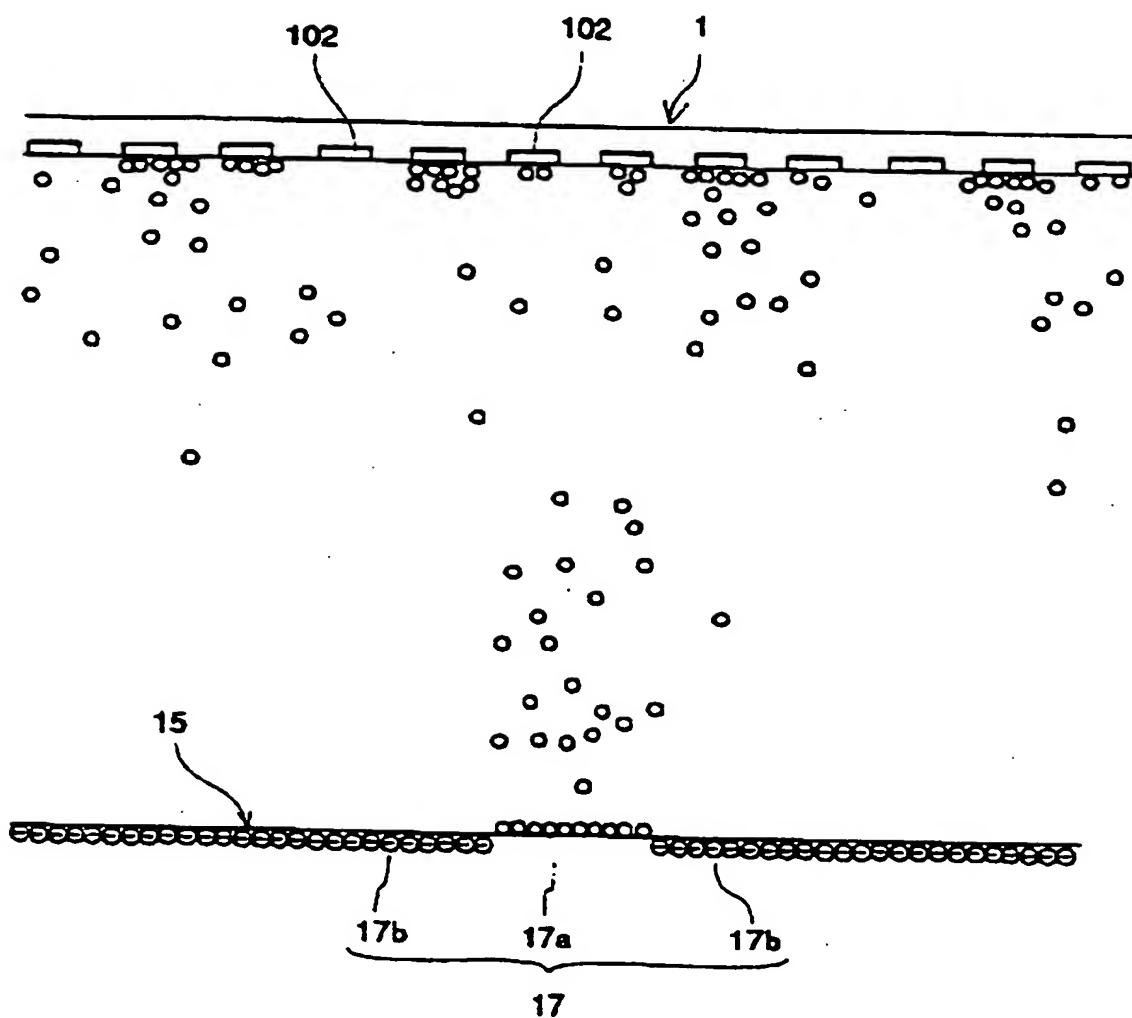


FIG. 27

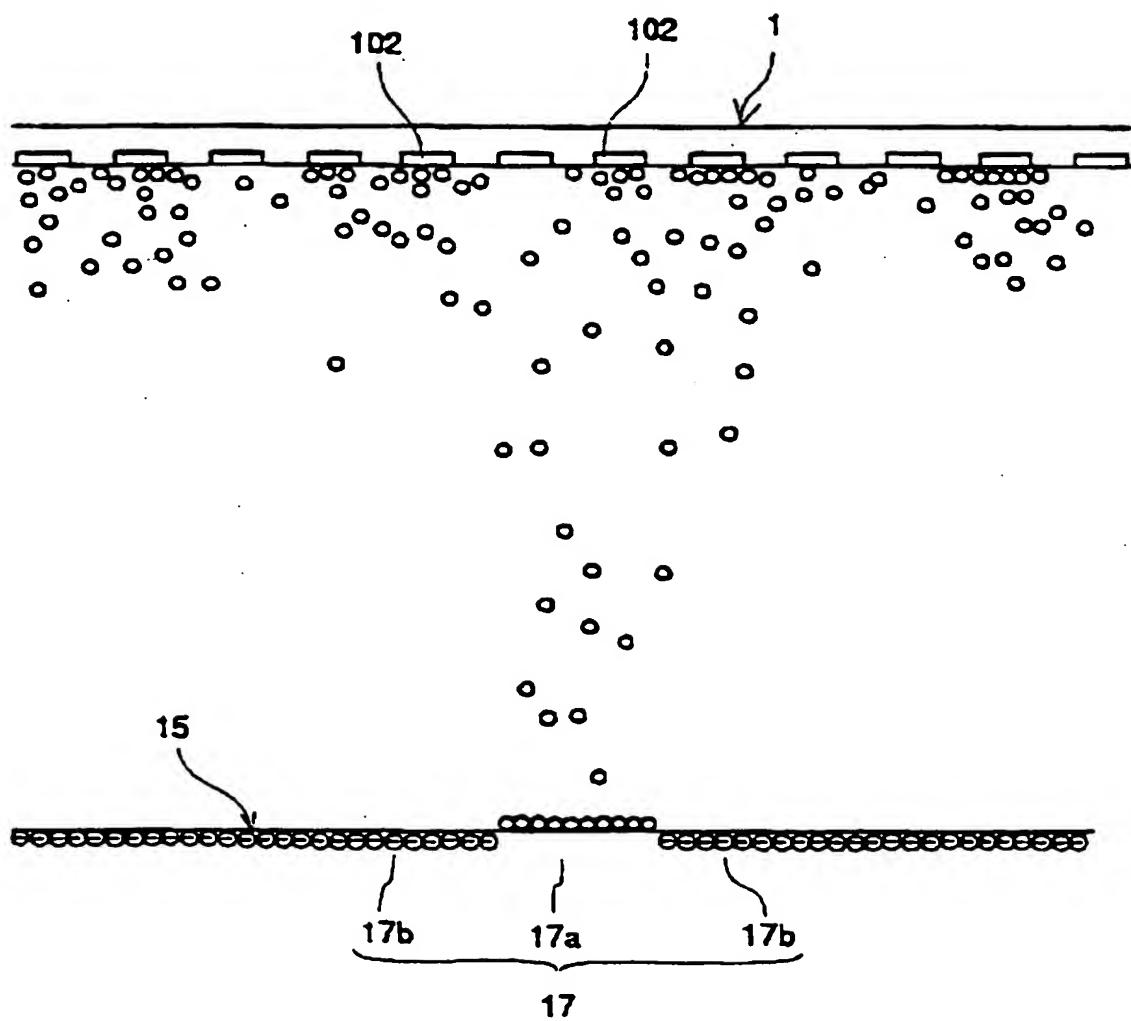


FIG. 28

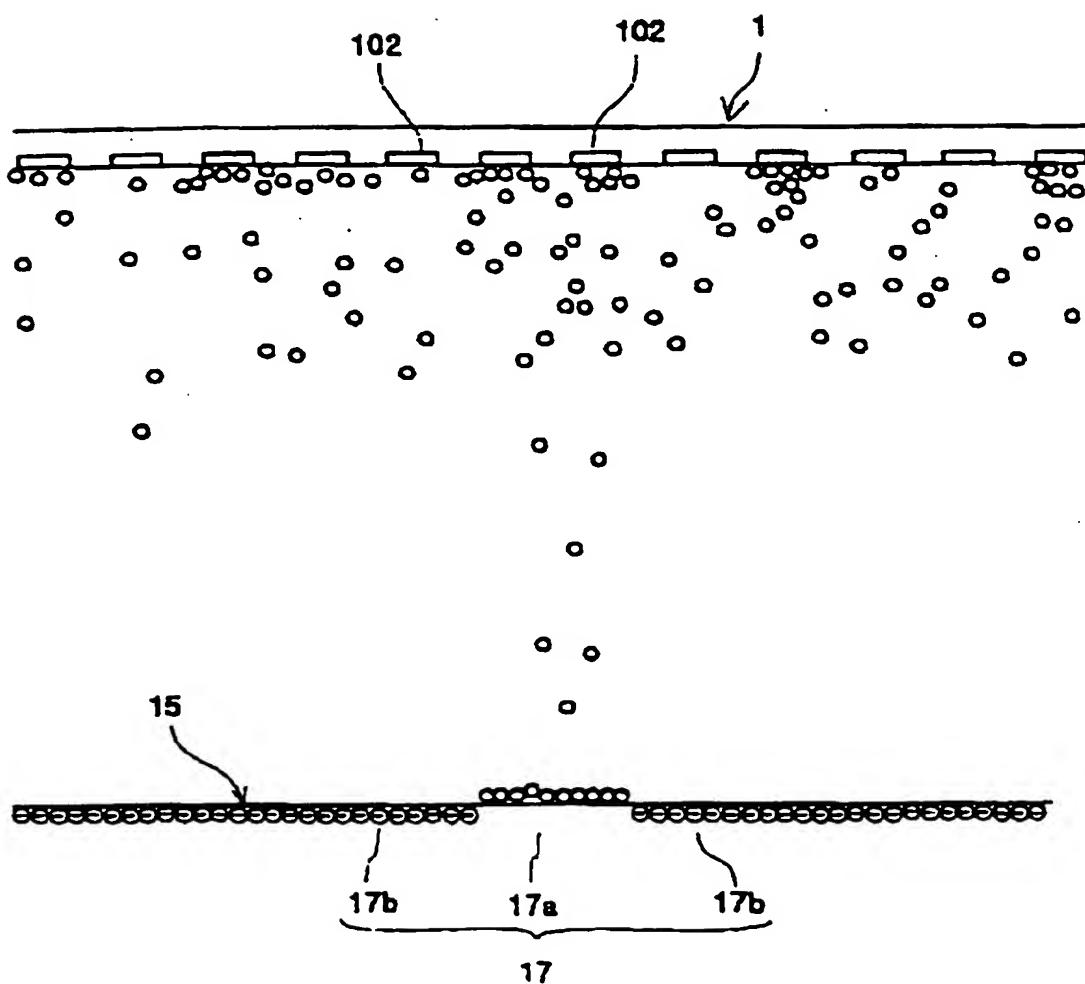


FIG. 29

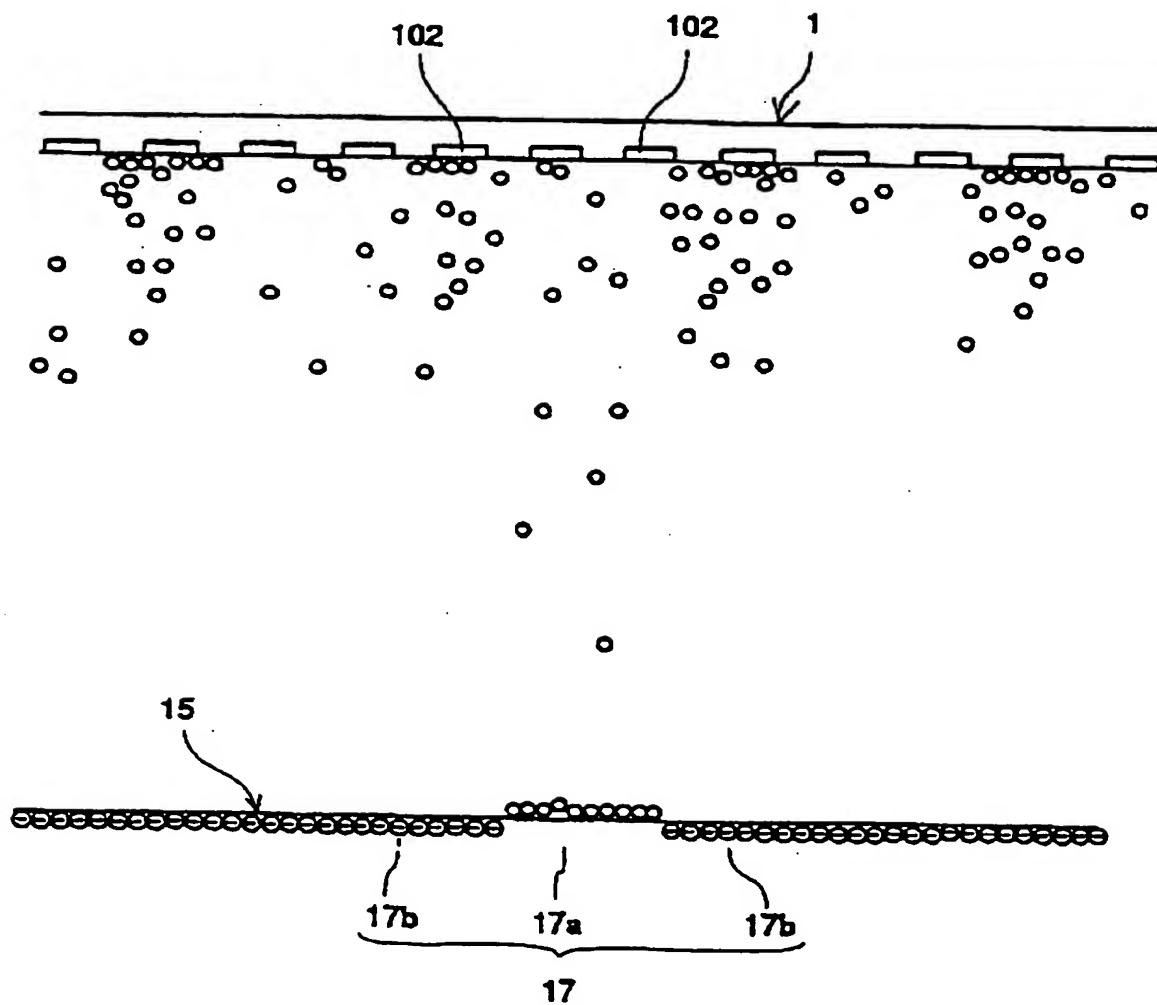


FIG. 30

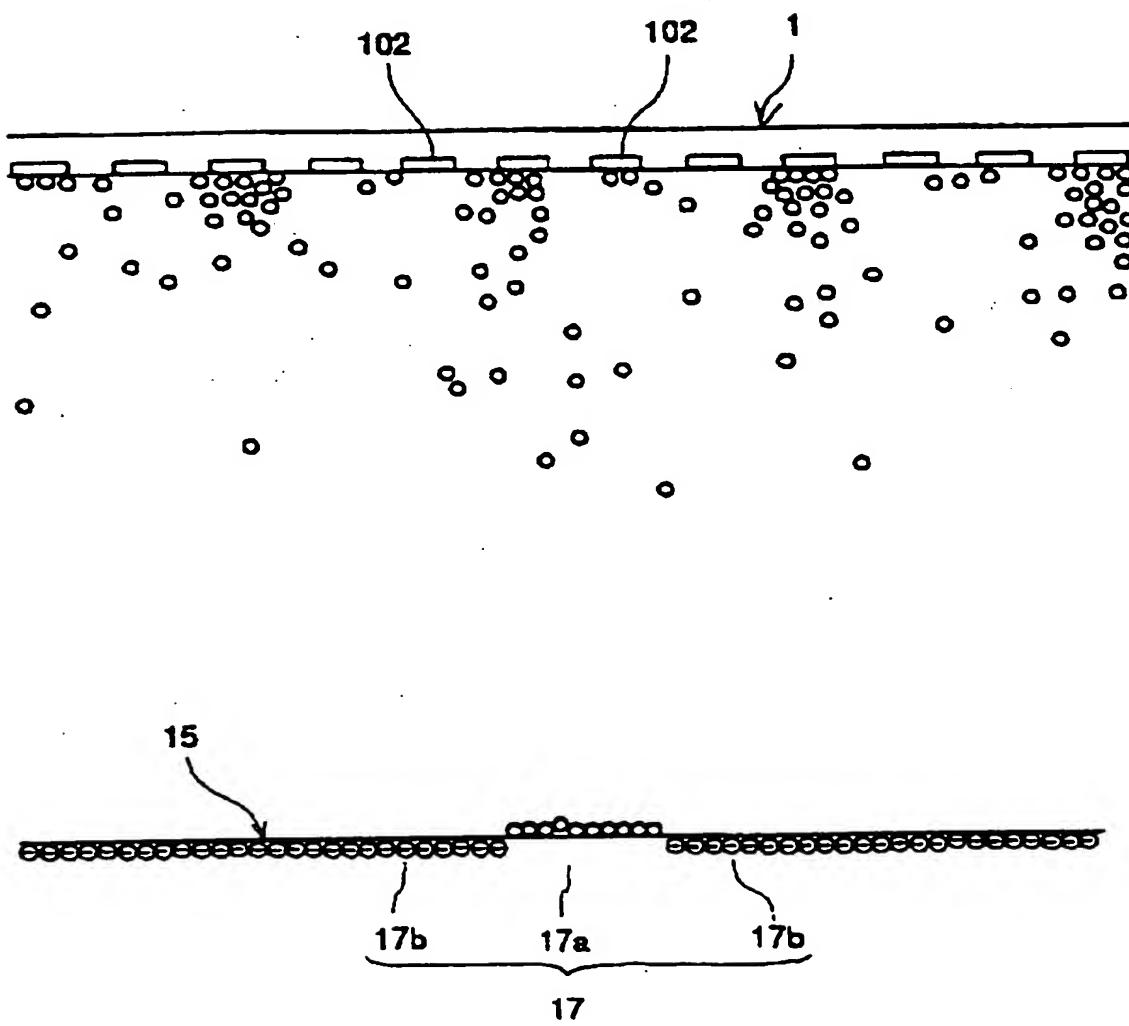


FIG. 31

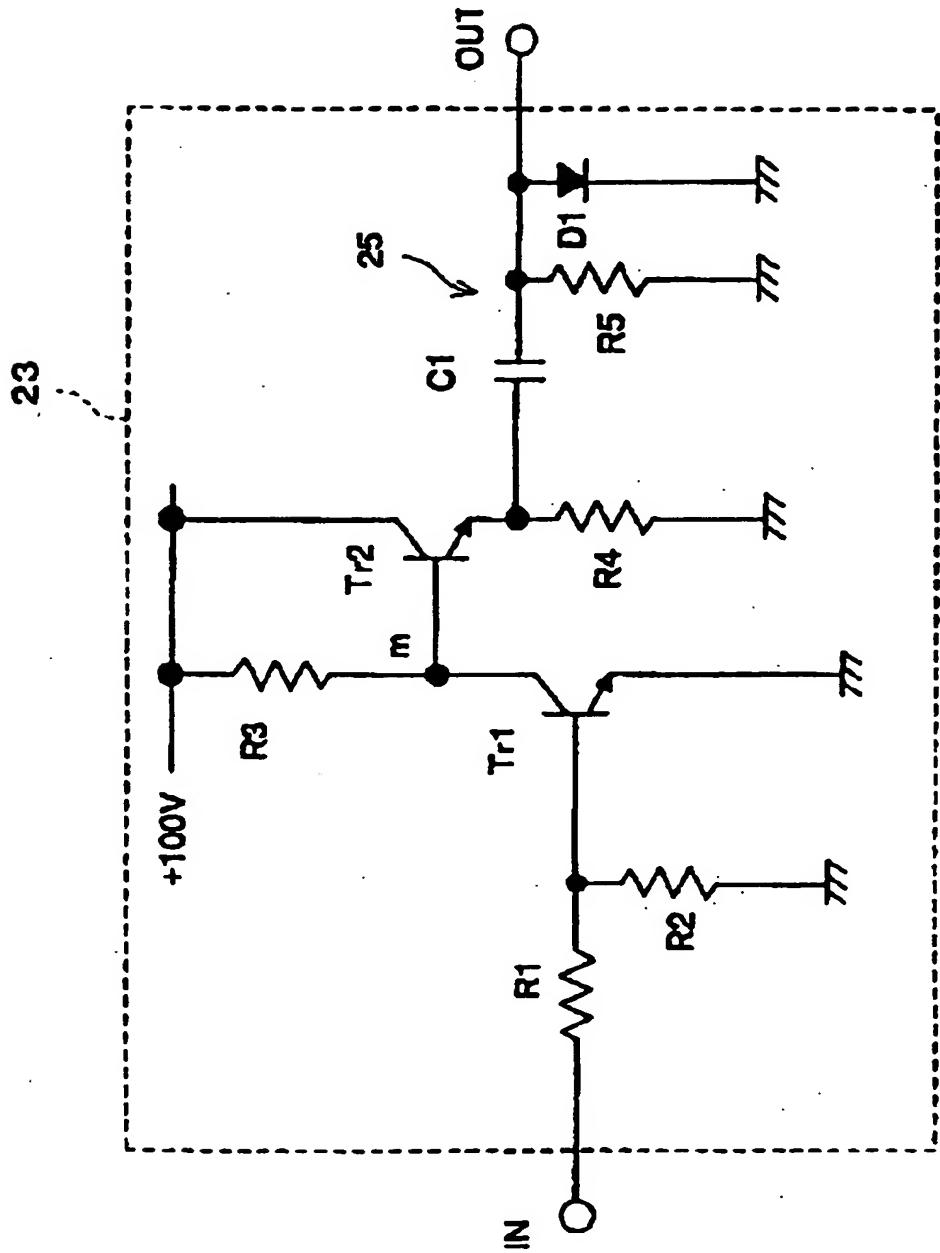


FIG. 32

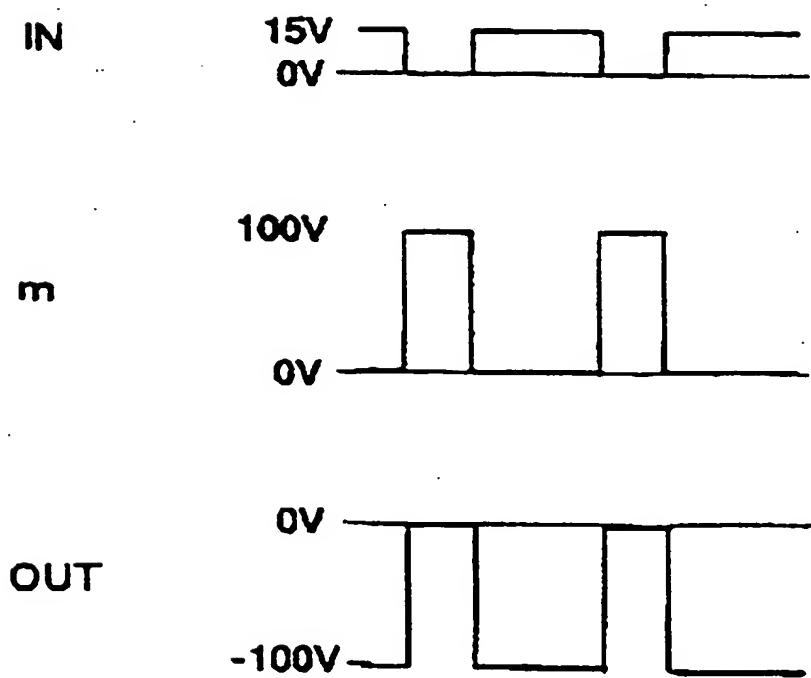


FIG. 33

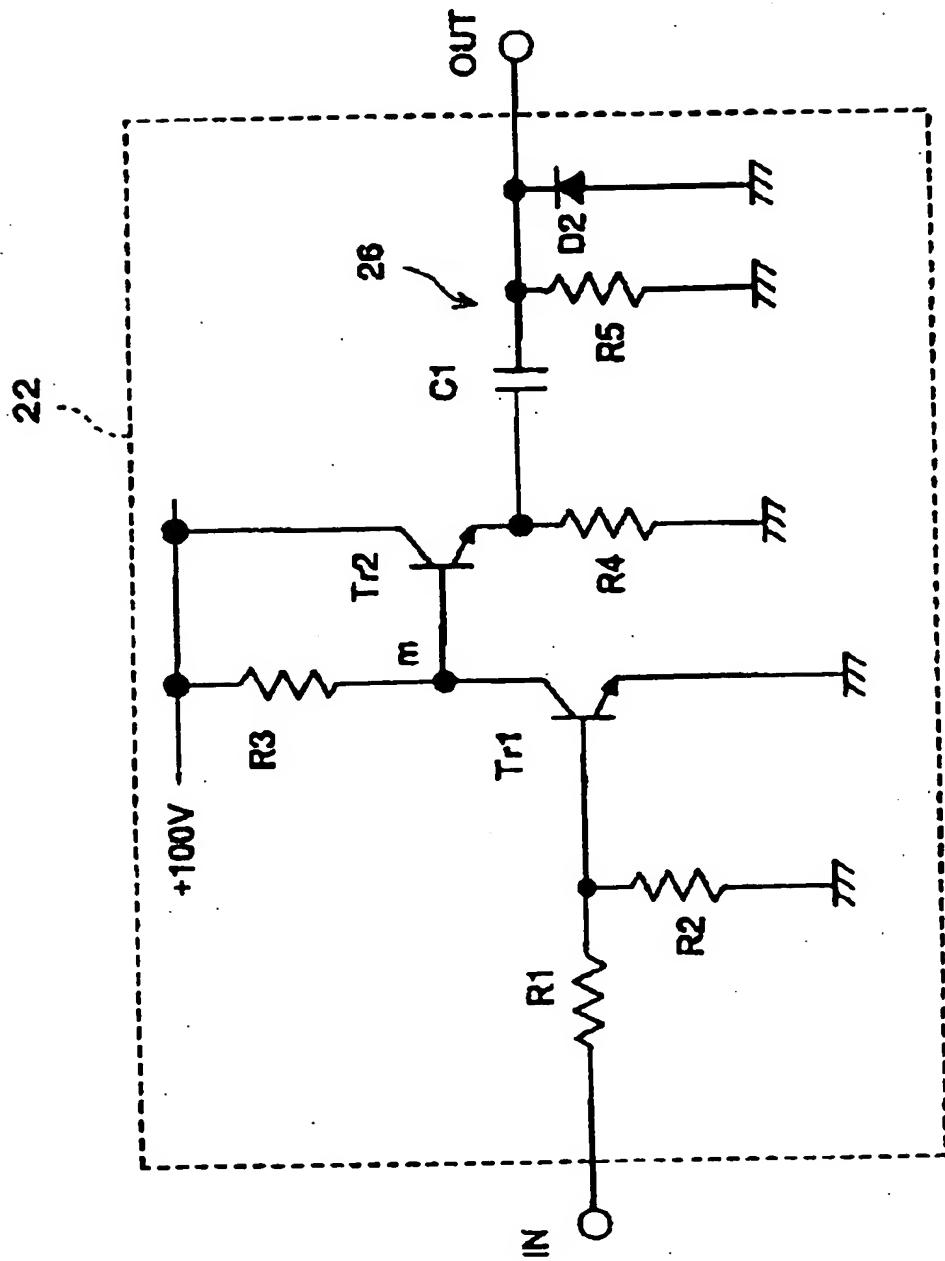


FIG. 34

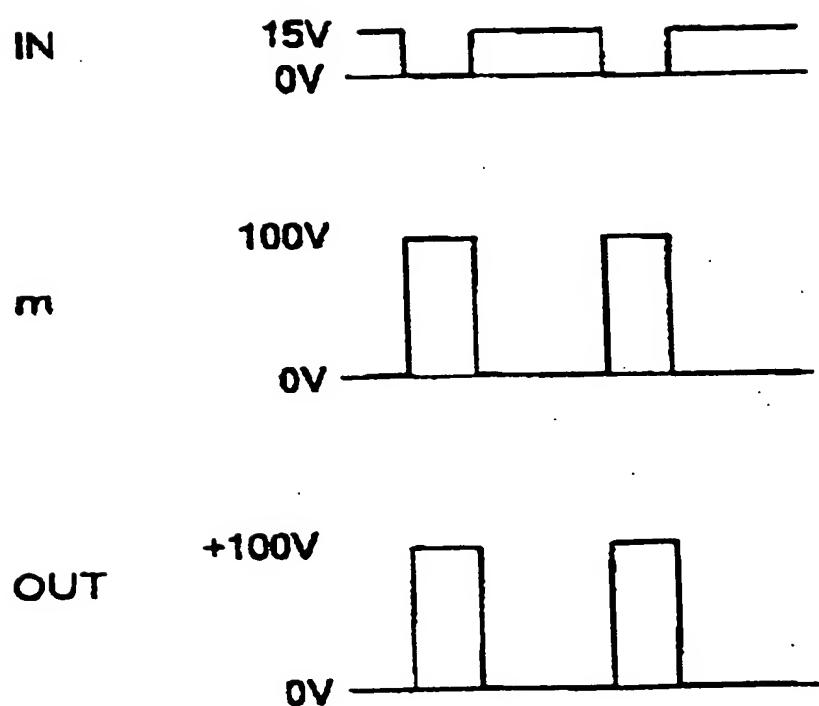


FIG. 35

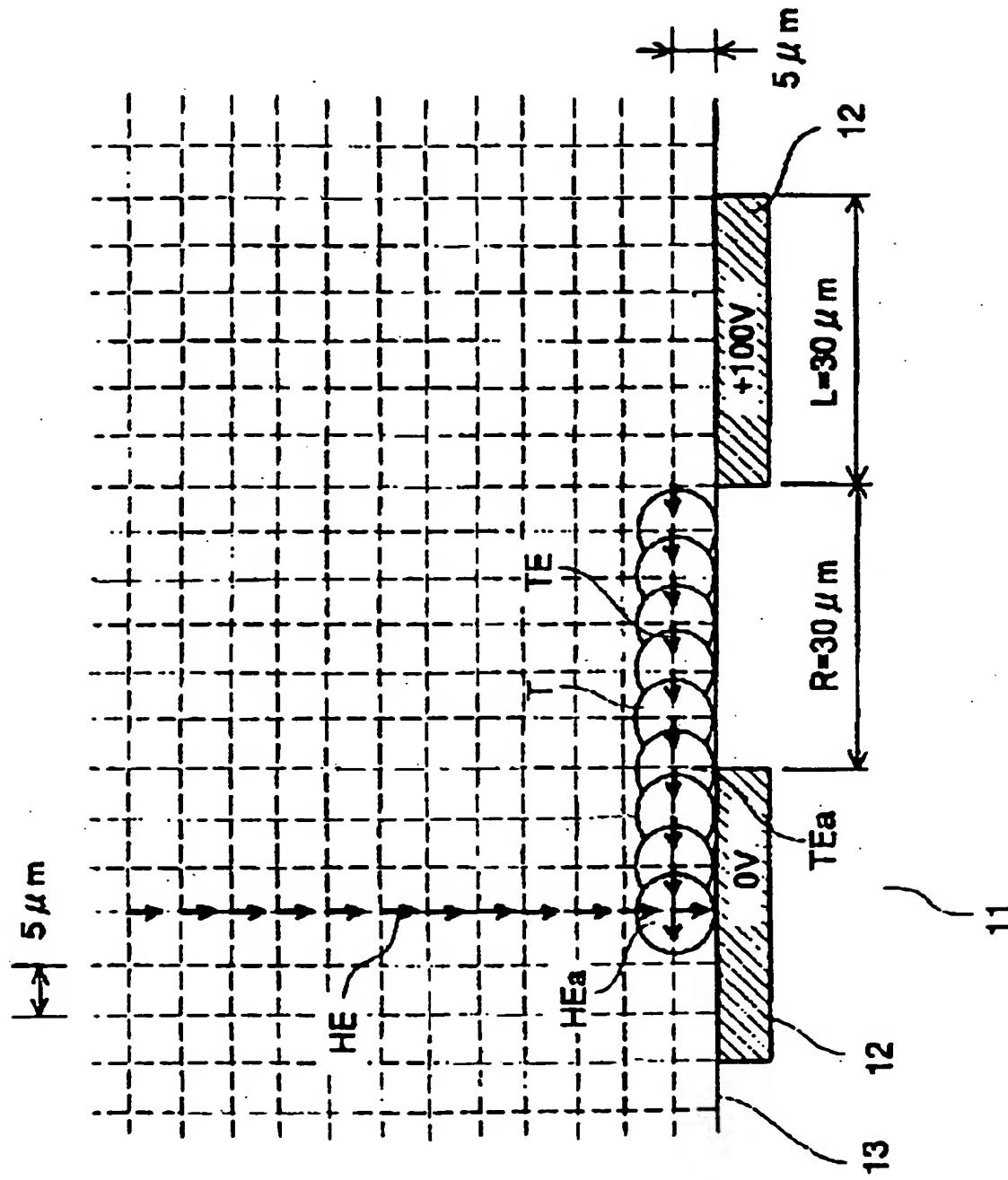


FIG. 36

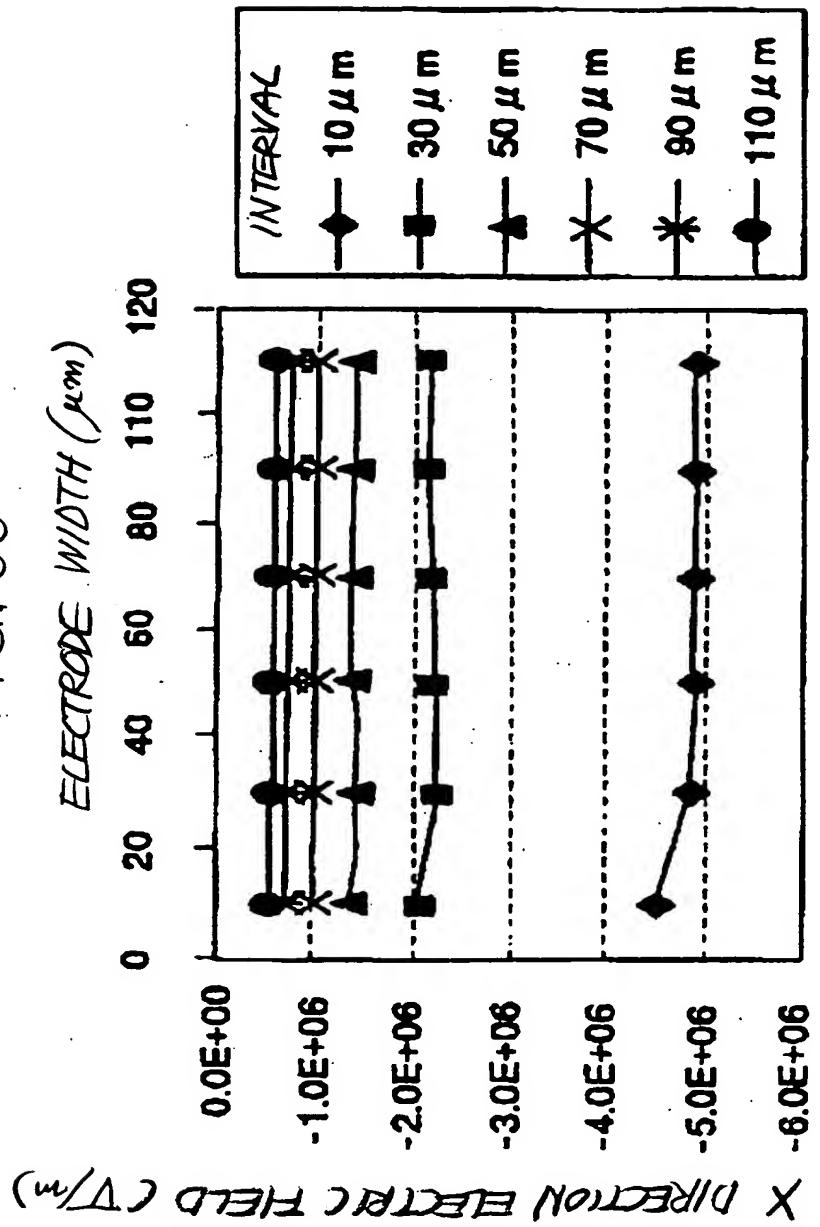


FIG. 37

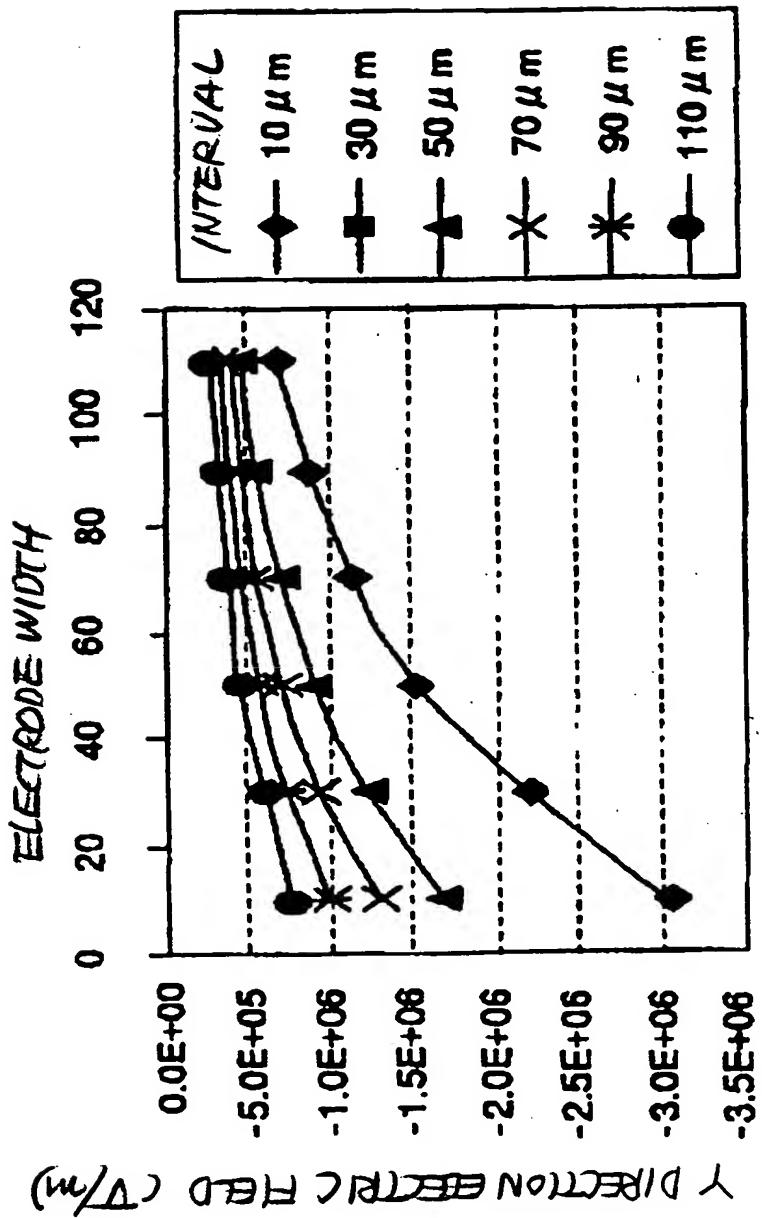


FIG. 38

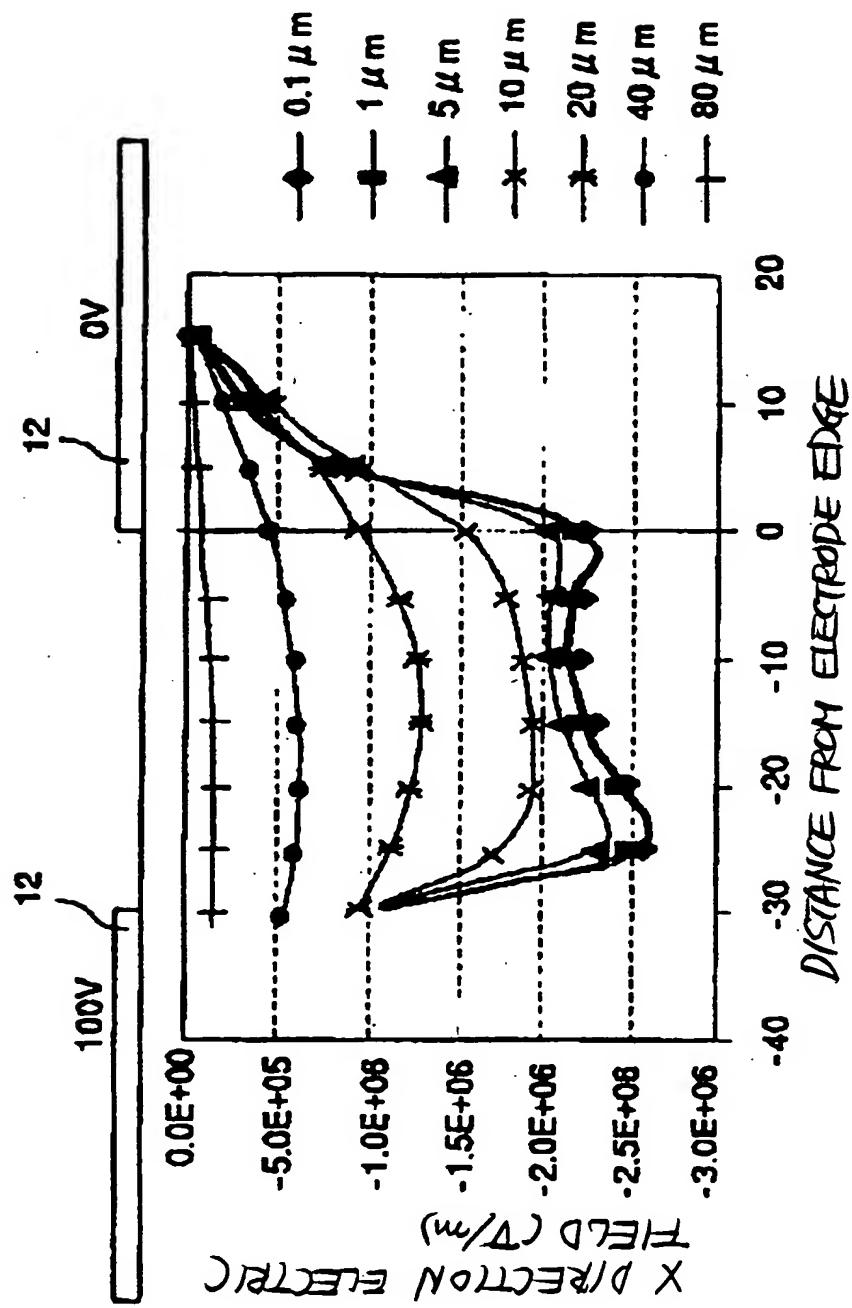


FIG. 39

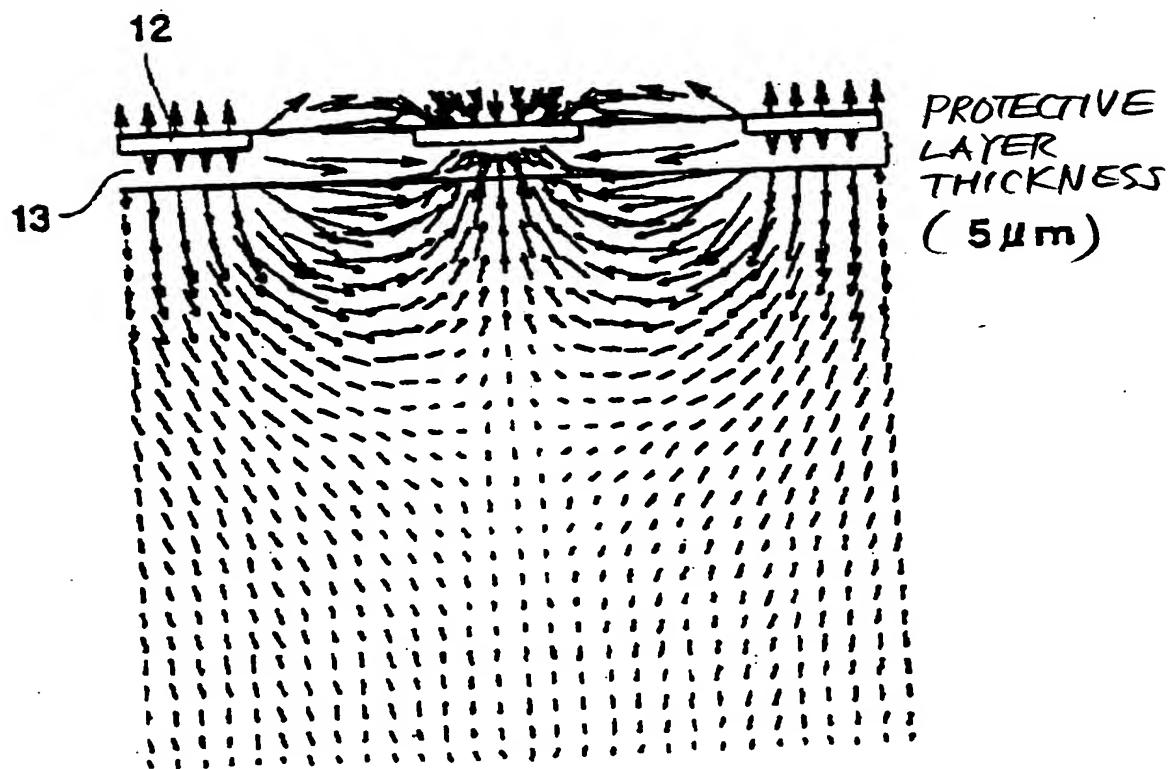


FIG. 40

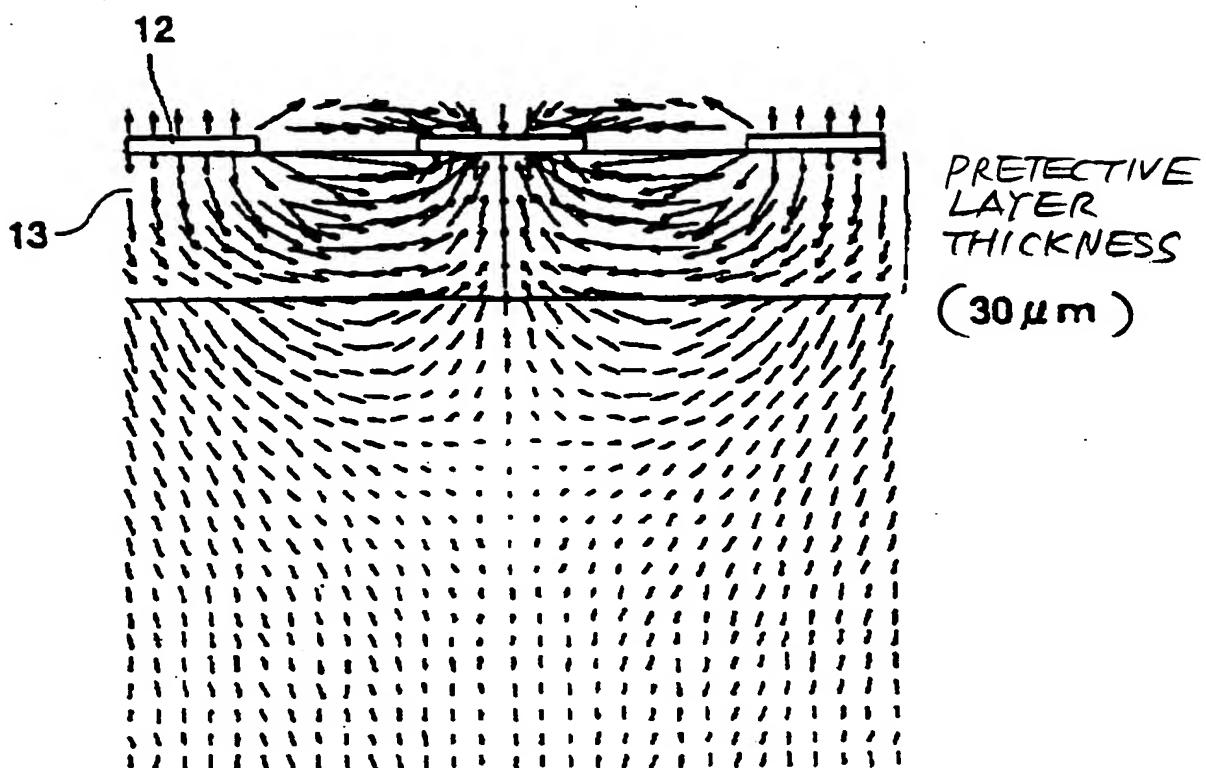


FIG. 41

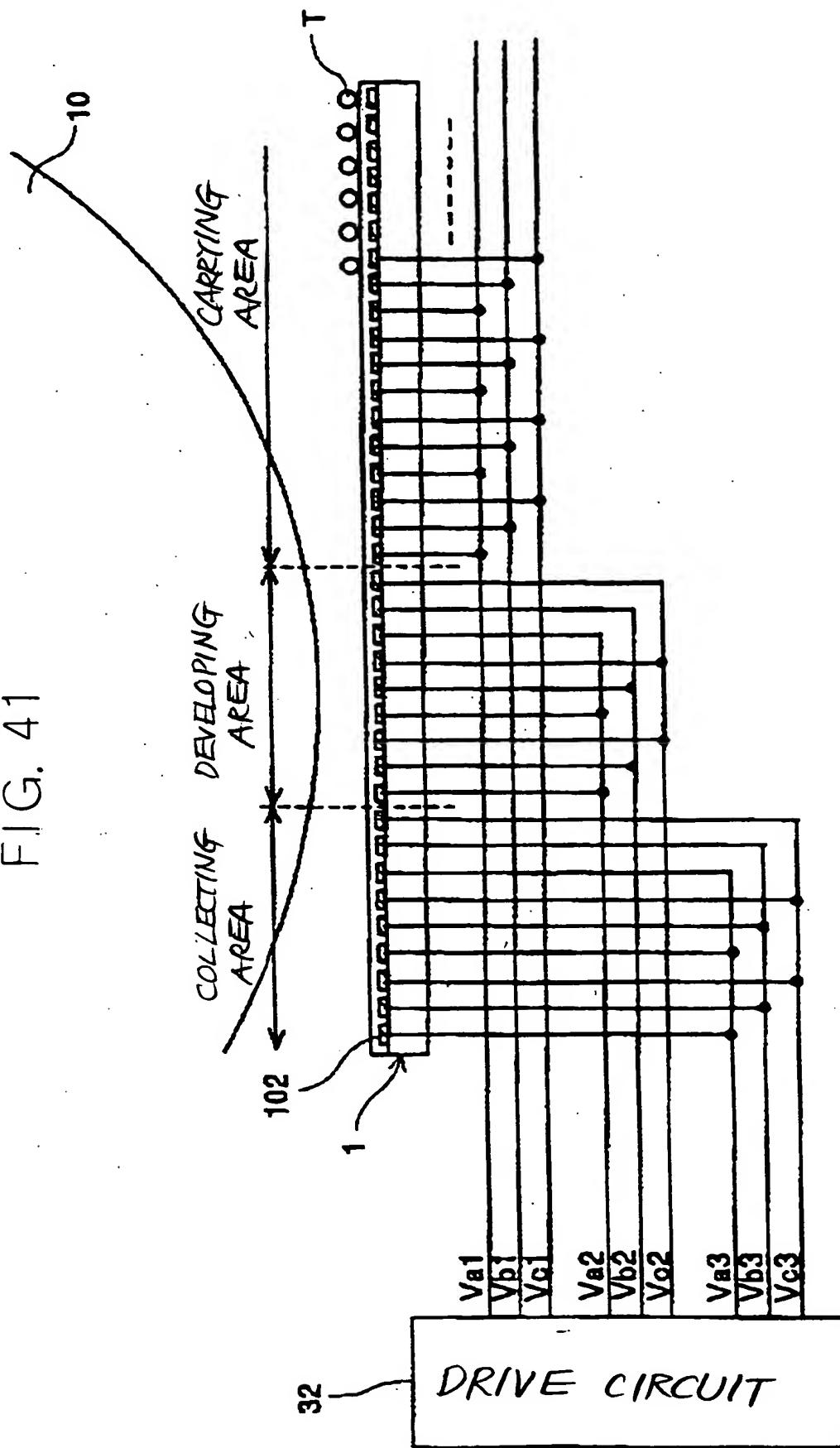


FIG. 42

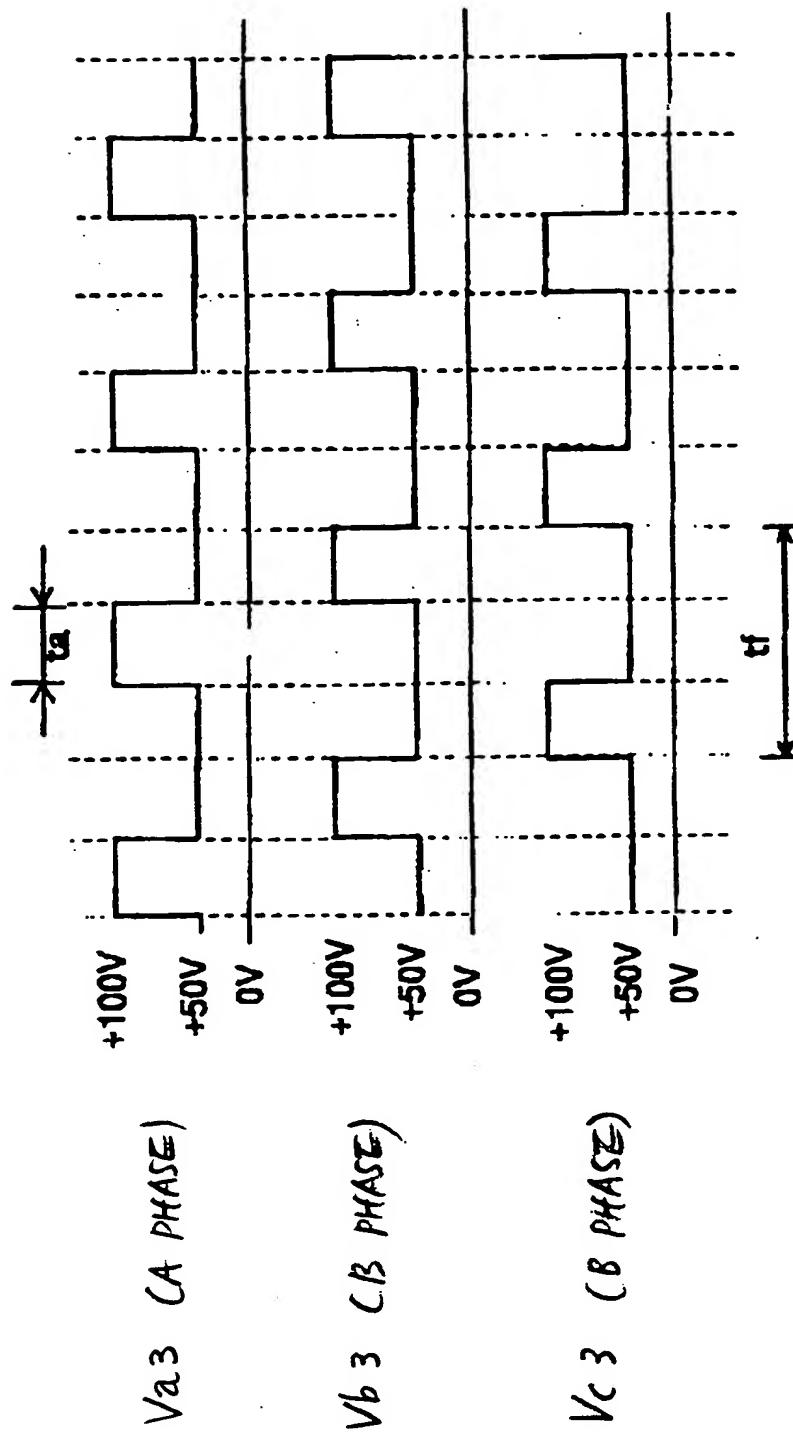


FIG. 43

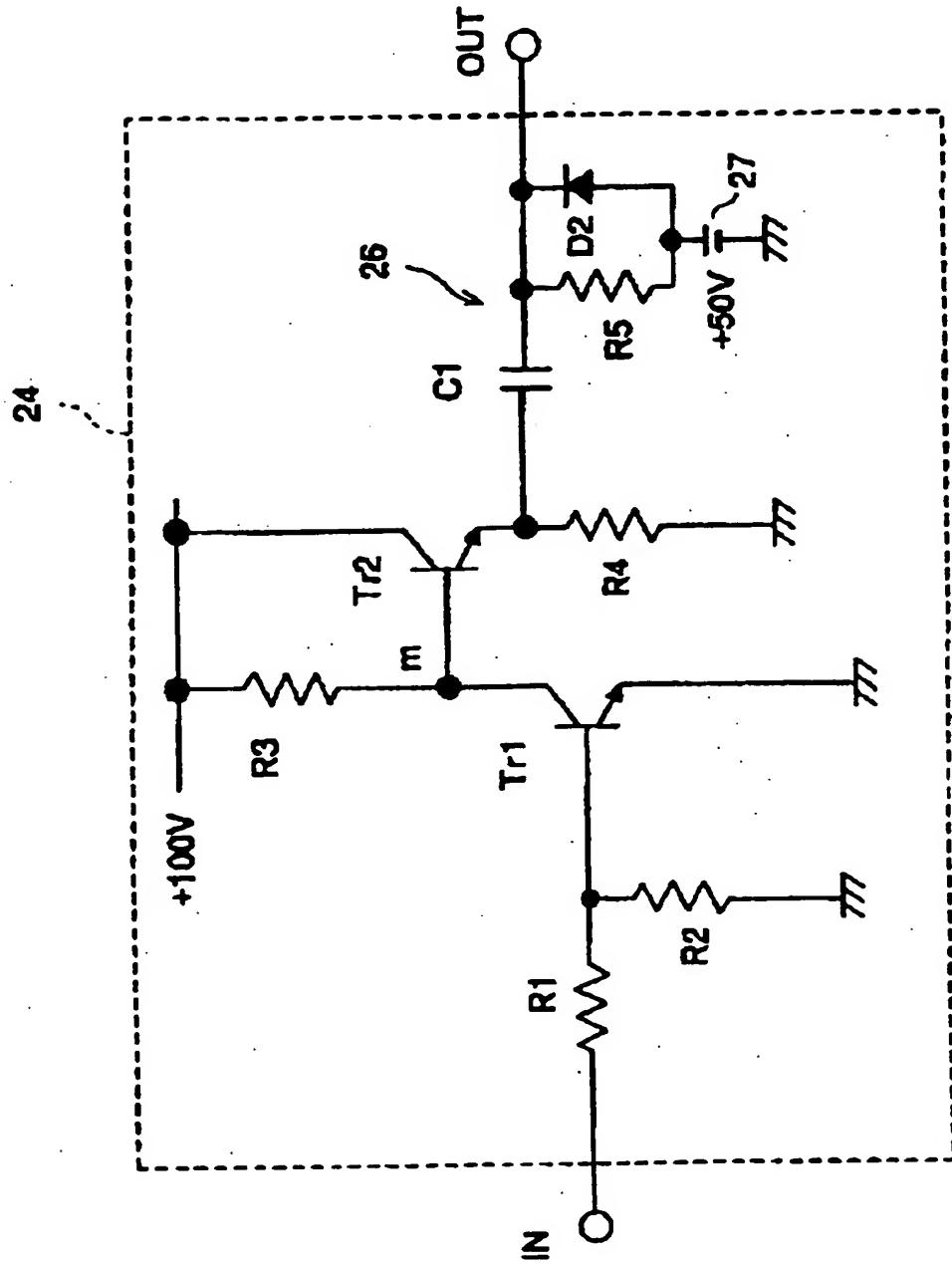


FIG. 44

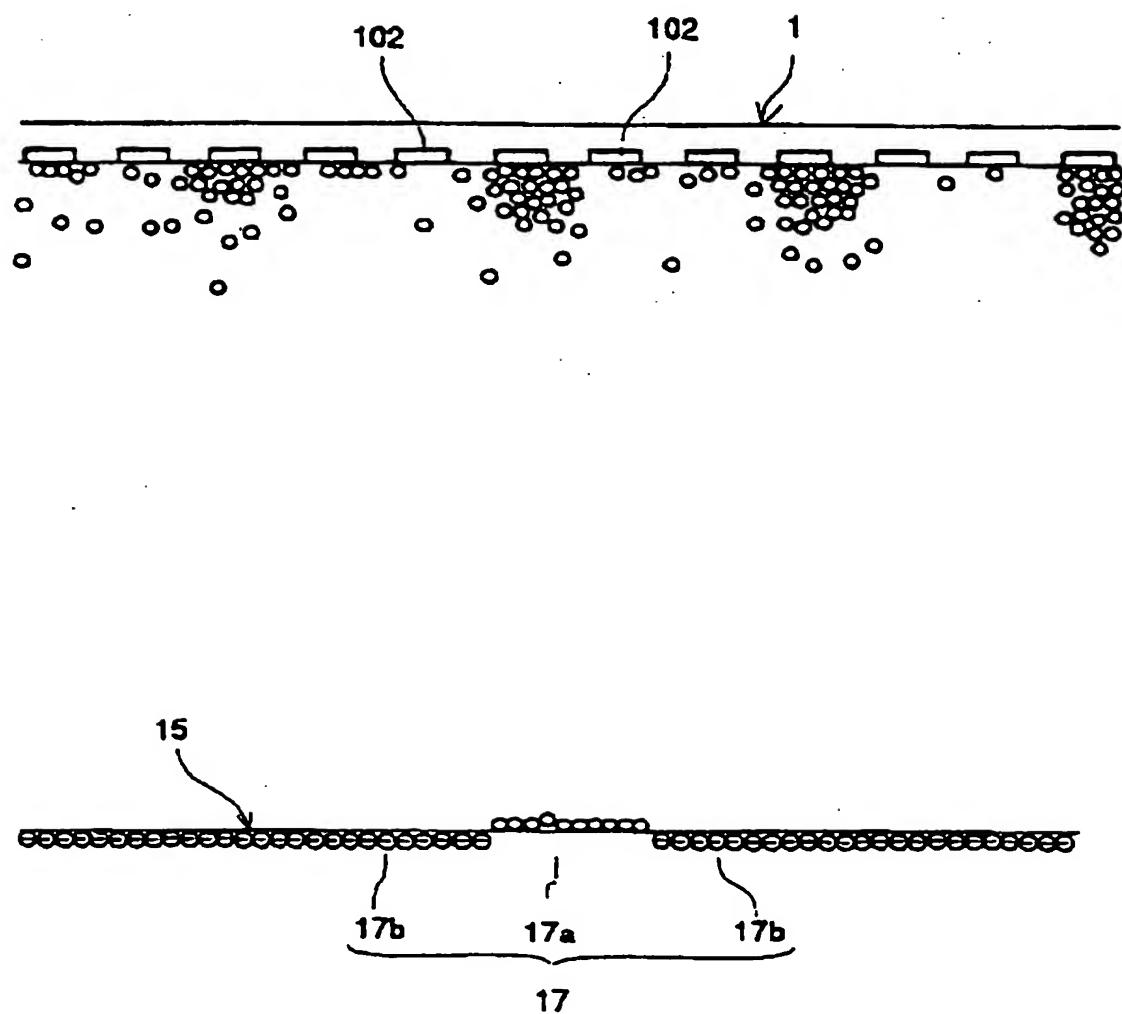


FIG. 45

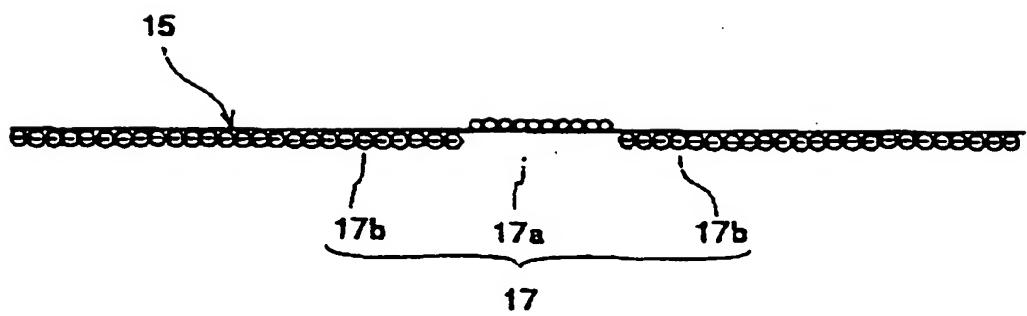
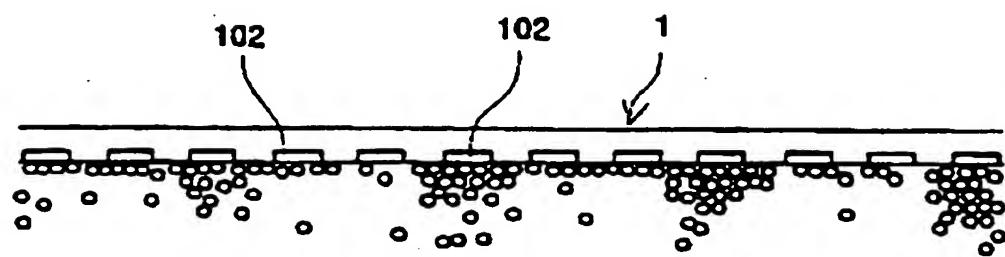


FIG. 46

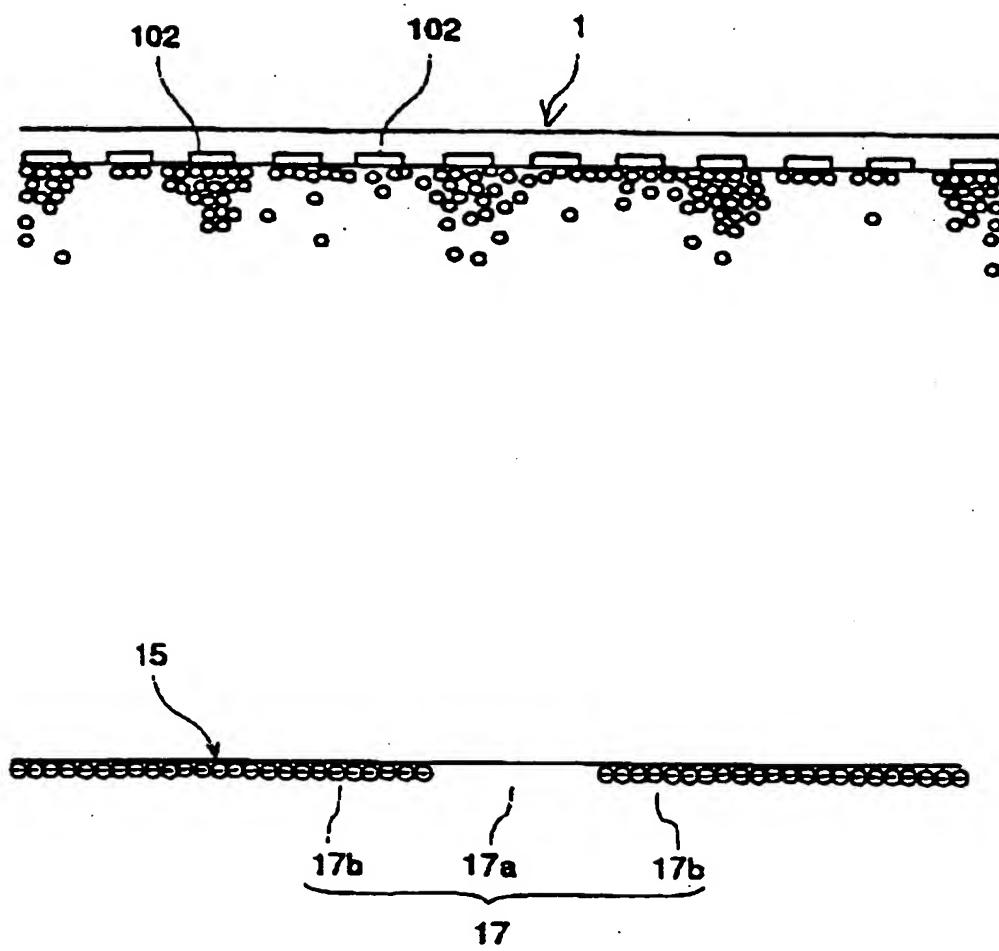


FIG. 47

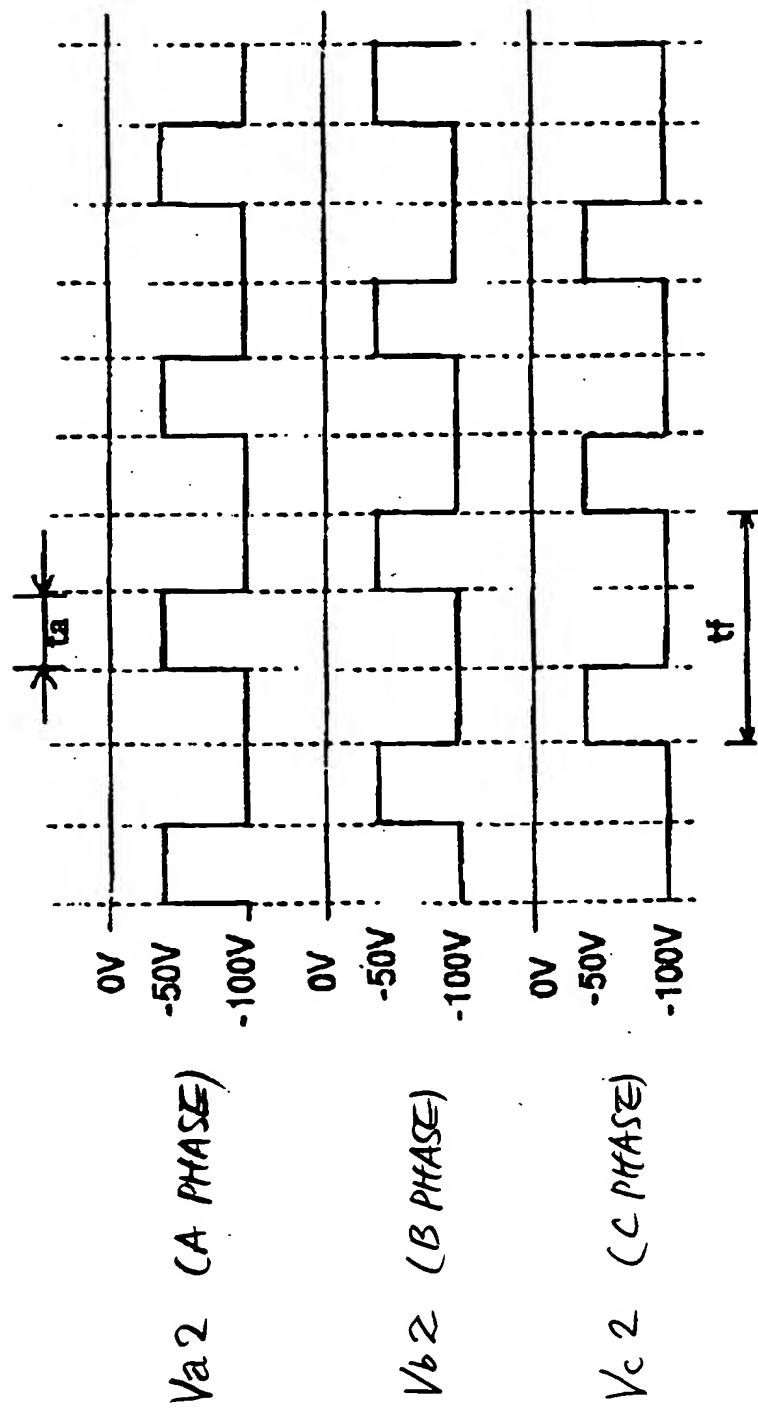


FIG. 48

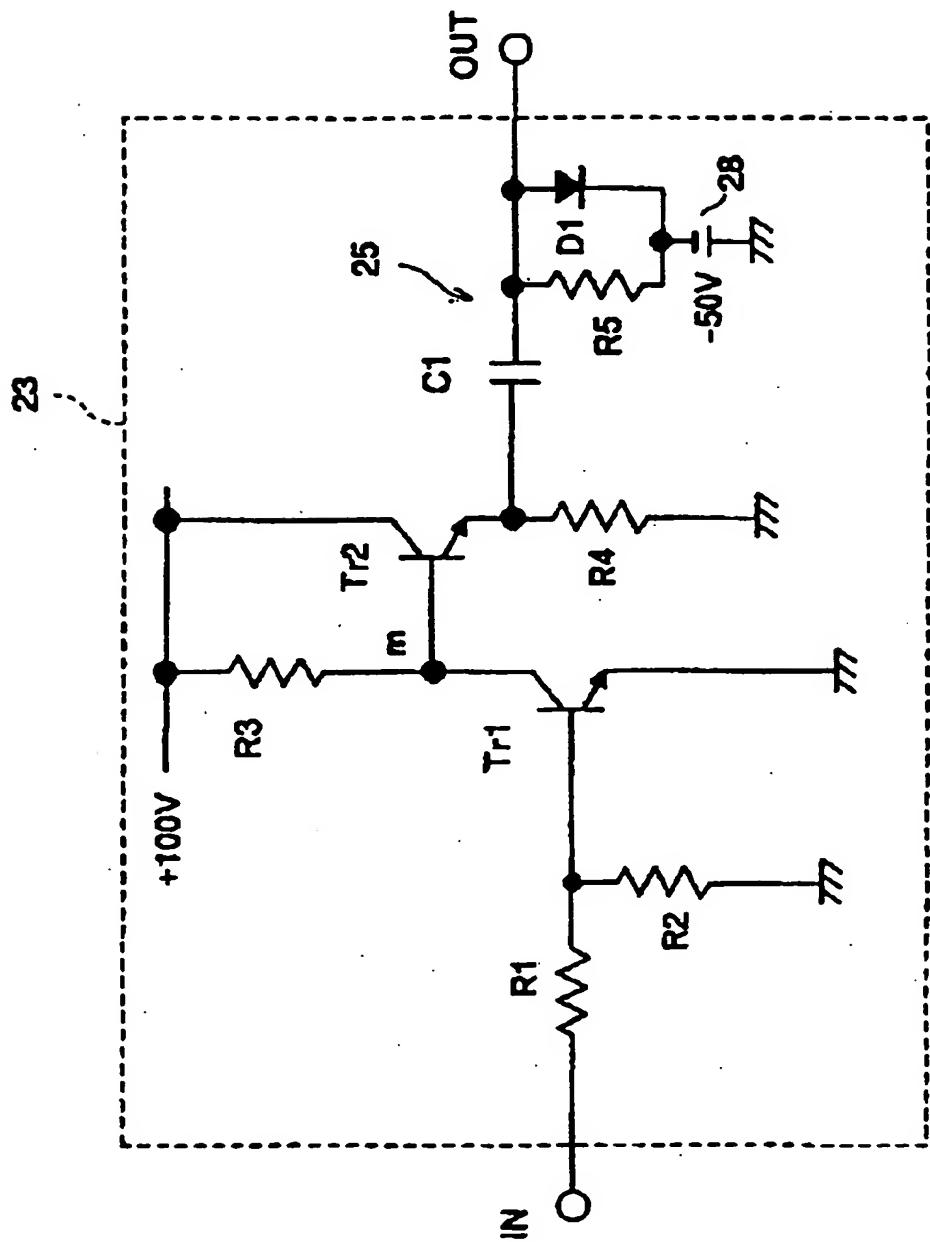


FIG. 49

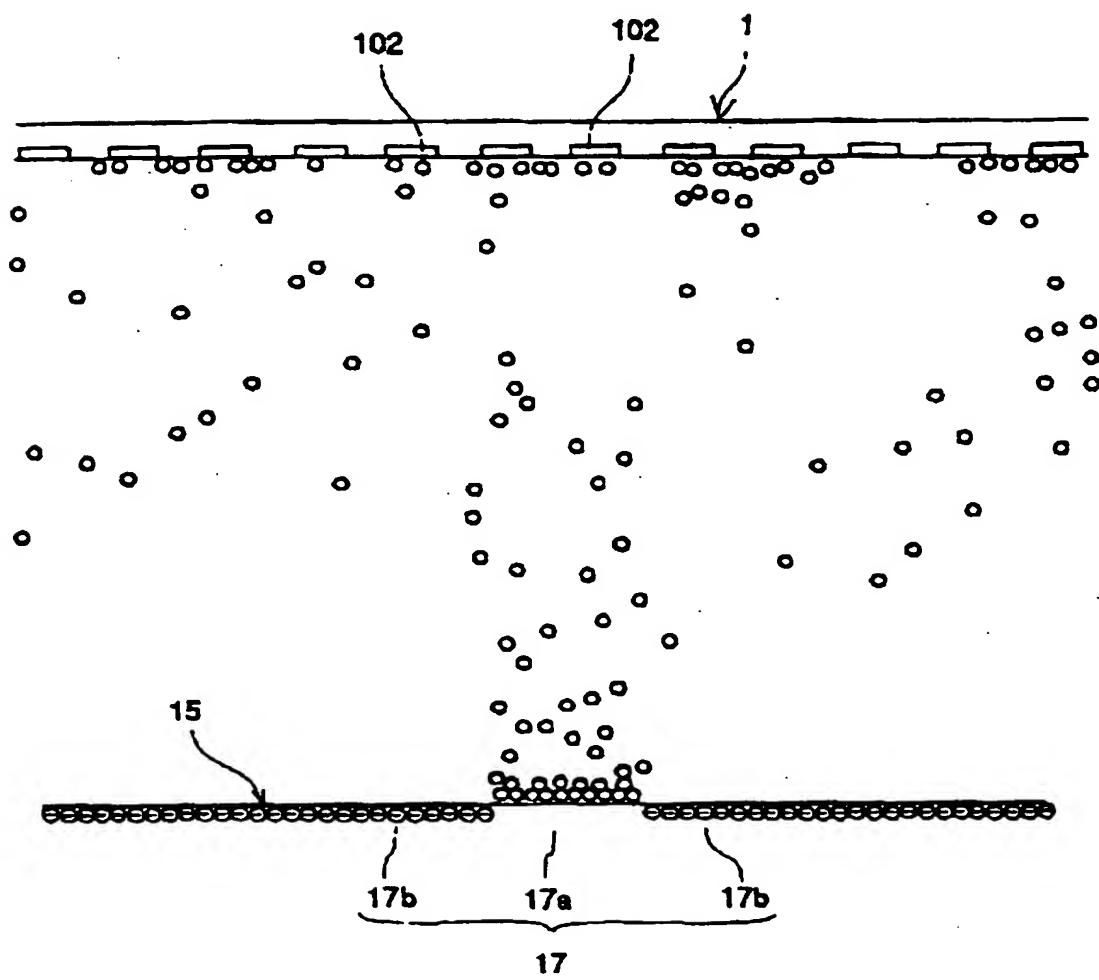


FIG. 50

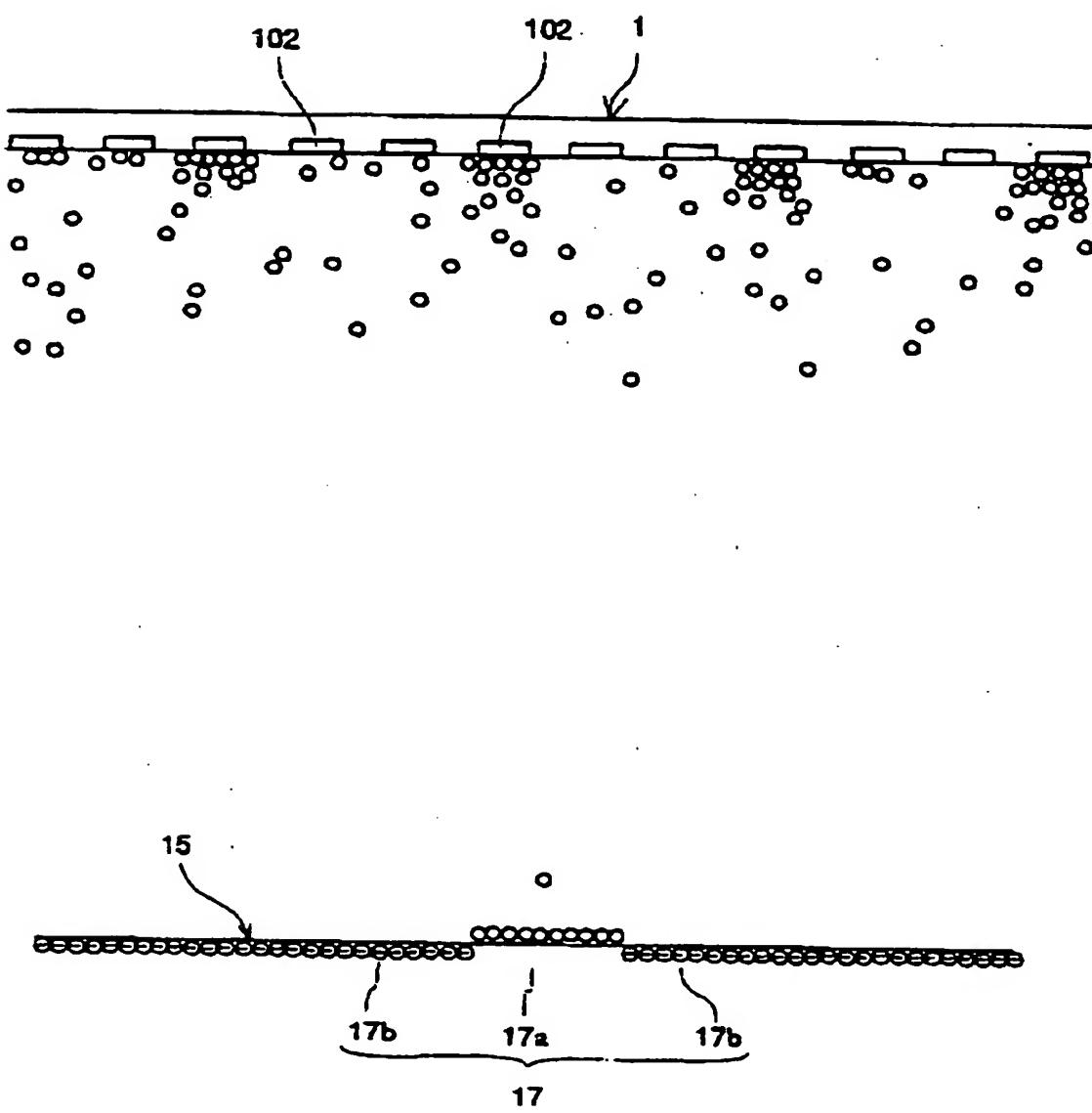


FIG. 51

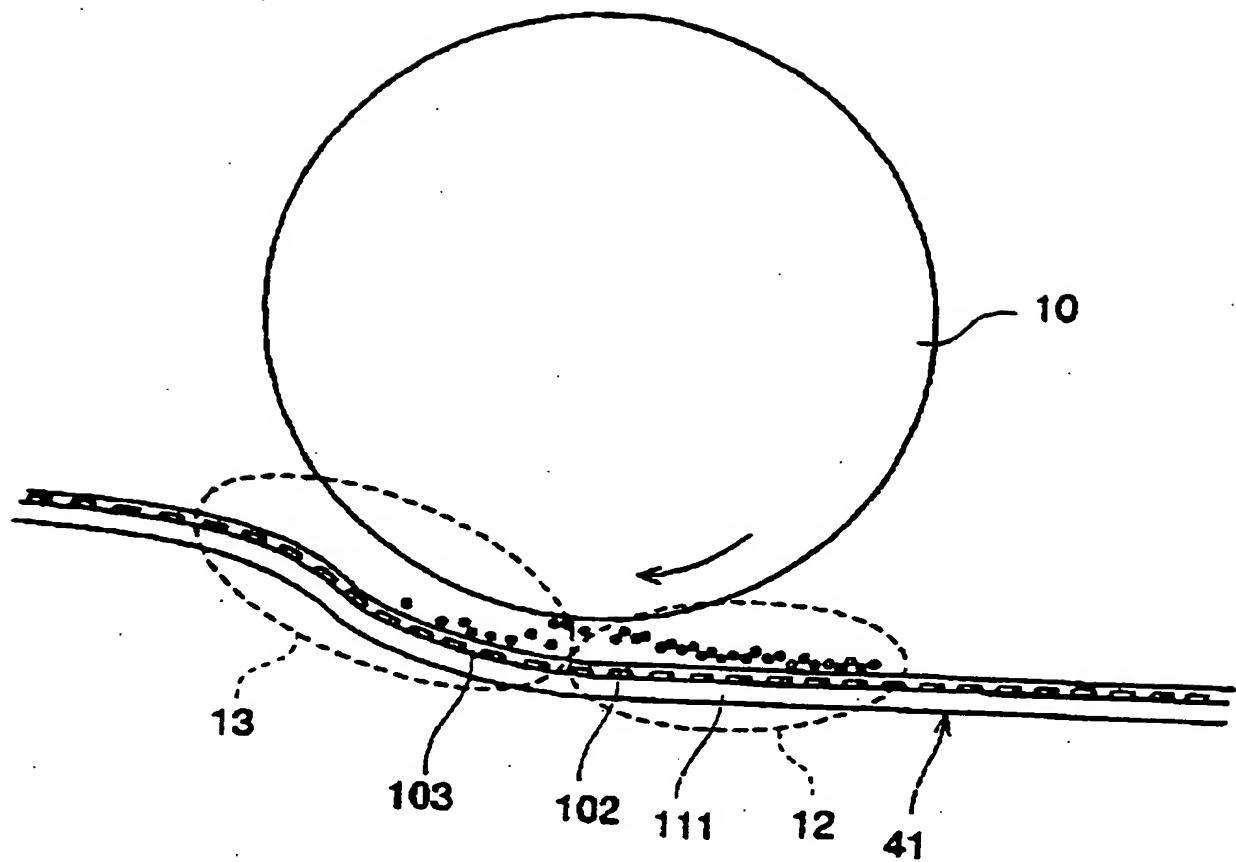


FIG. 52

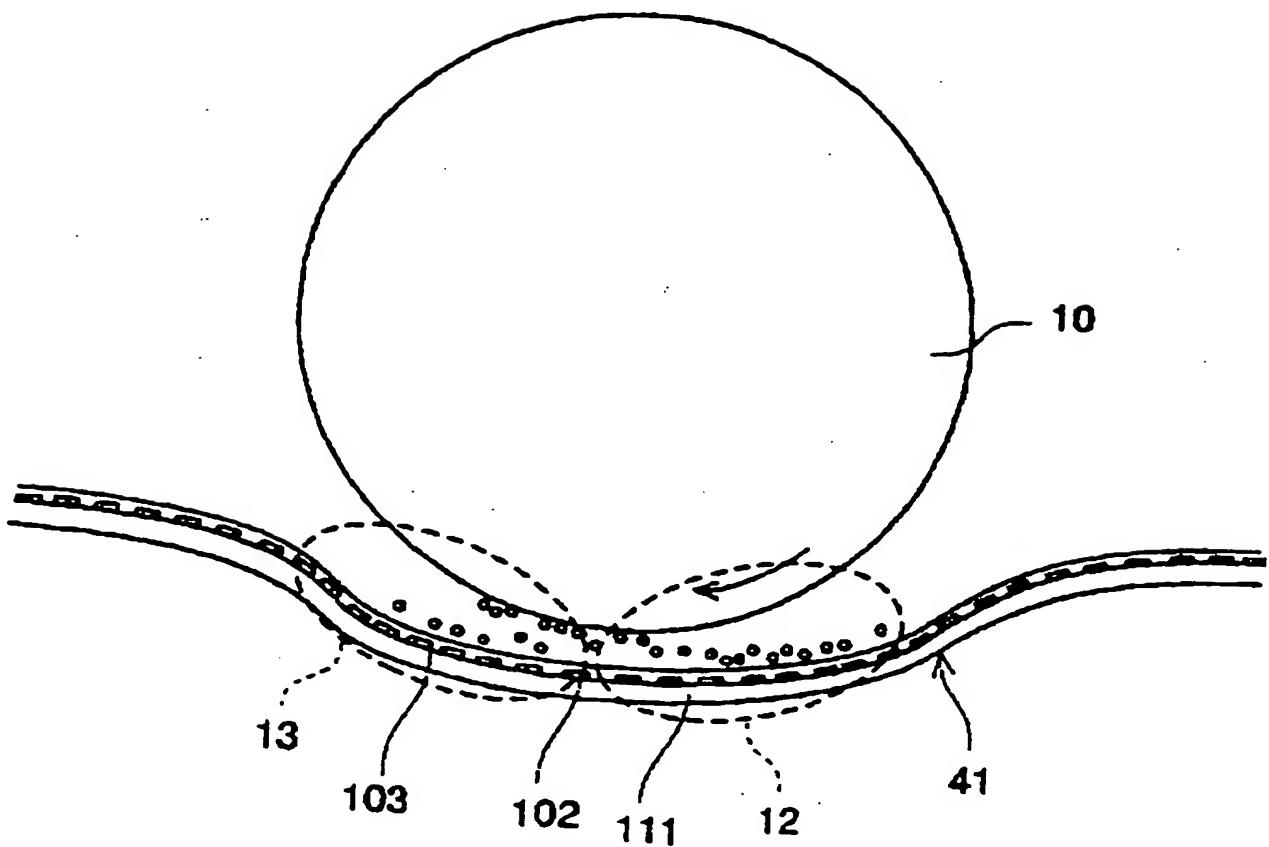


FIG. 53

DIVISION	RANGE	AVERAGE GAP mm	BIAS VOLTAGE Volts	AVERAGE ELECTRIC FIELD (V/um)	
				HIGH PORTION	NON-HIGH PORTION
1	0.0~1.0	0.202	50.8	0.416	1.243
2	~2.0	0.211	54.6	0.417	1.208
3	~3.0	0.228	61.7	0.417	1.149
4	~4.0	0.253	72.1	0.417	1.077
5	~5.0	0.286	85.8	0.416	1

FIG. 54

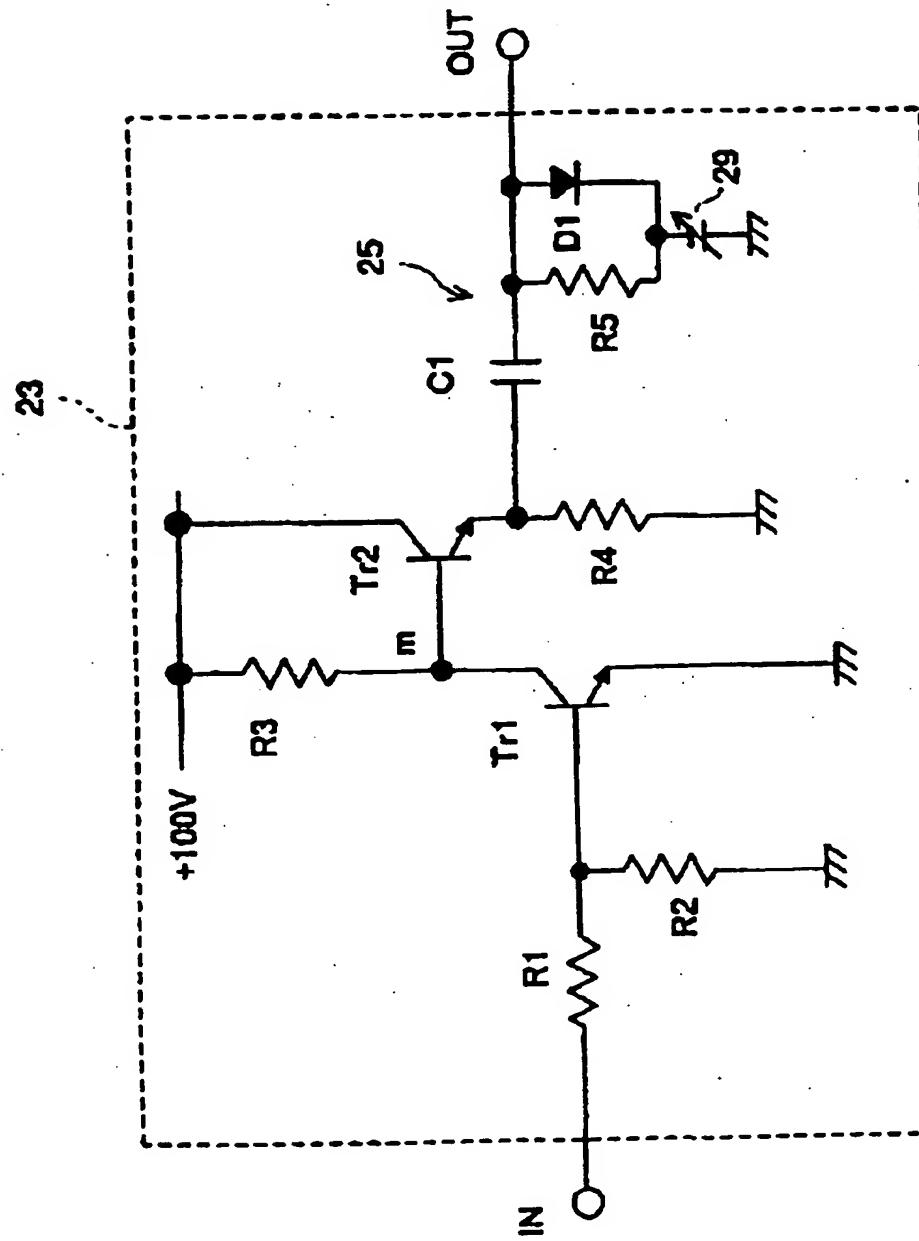


FIG. 55

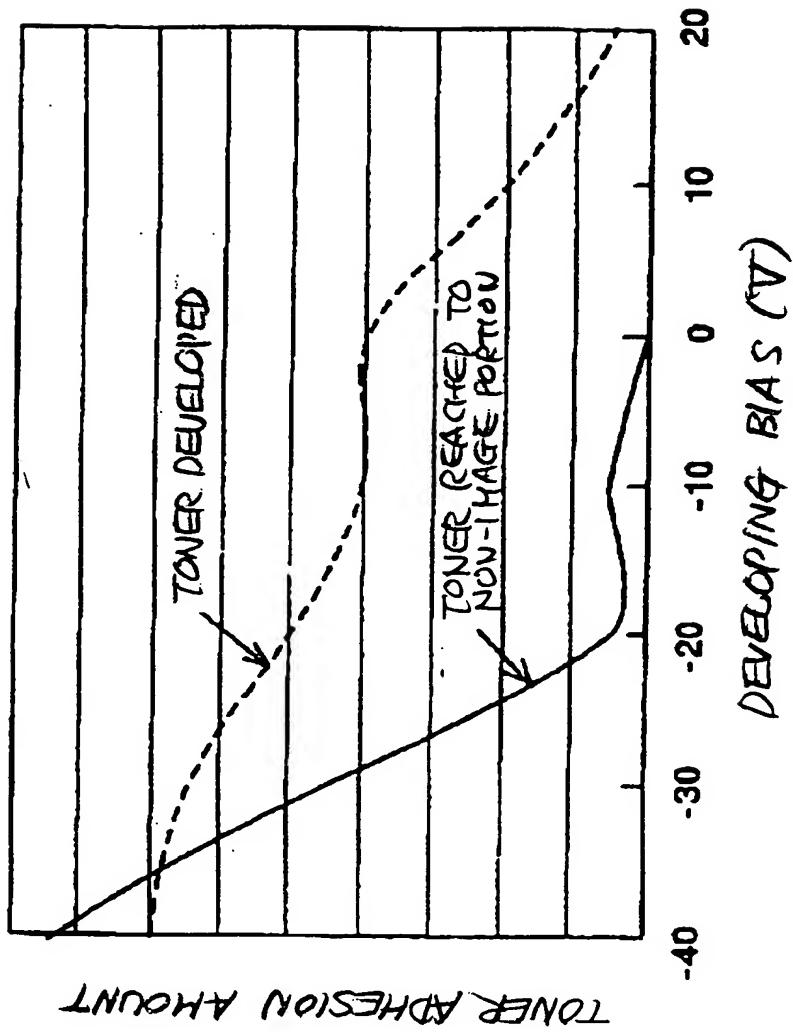


FIG. 56

DEVELOPING BIAS	CARRYING ELECTRODE POTENTIAL		PHOTORESISTIVE MEMBER SURFACE POTENTIAL		NUMBER OF TOWER PARTICLES HAVING REACHED FOR DEVELOPMENT	NUMBER OF TOWER PARTICLES USED
	HIGH	LOW	AVERAGE	NON-IMAGE IMAGE		
POTENTIAL (V)	POTENTIAL (V)	POTENTIAL (V)	POTENTIAL (V)	POTENTIAL (V)	POTENTIAL (V)	PARTICLE NUMBER
20	20	-80	-13.3	-110.4	-28.8	-0.3
10	10	-80	-23.3	-110.7	-20.0	-0.6
0	0	-100	-33.3	-110.9	-29.3	-0.8
-10	-10	-110	-42.3	-111.1	-29.5	-1.0
-20	-20	-120	-52.3	-111.4	-29.7	-1.3
-30	-30	-130	-62.3	-111.6	-30.0	-1.5
-40	-40	-140	-73.3	-111.8	-30.2	-1.7

FIG. 57

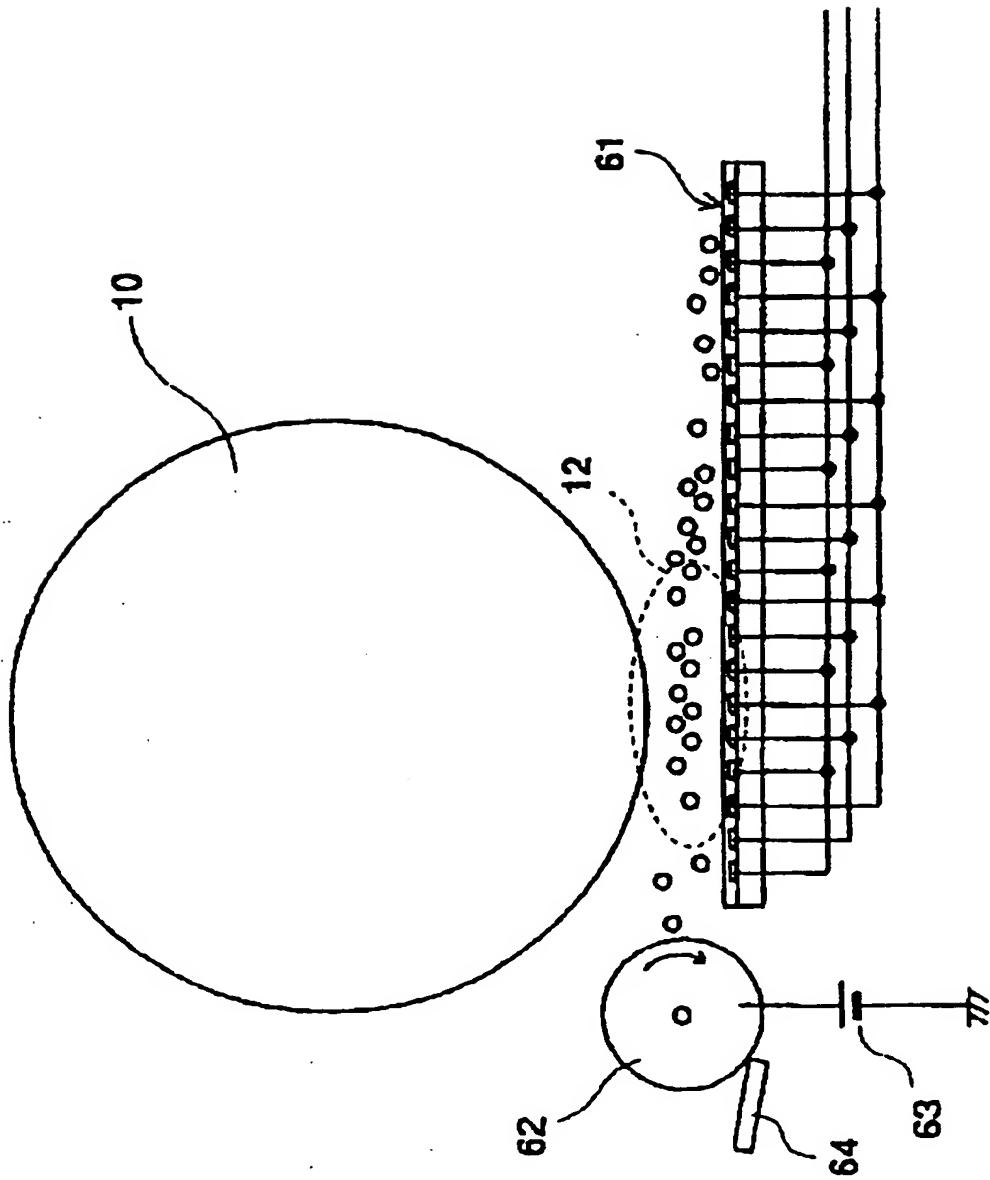


FIG. 58

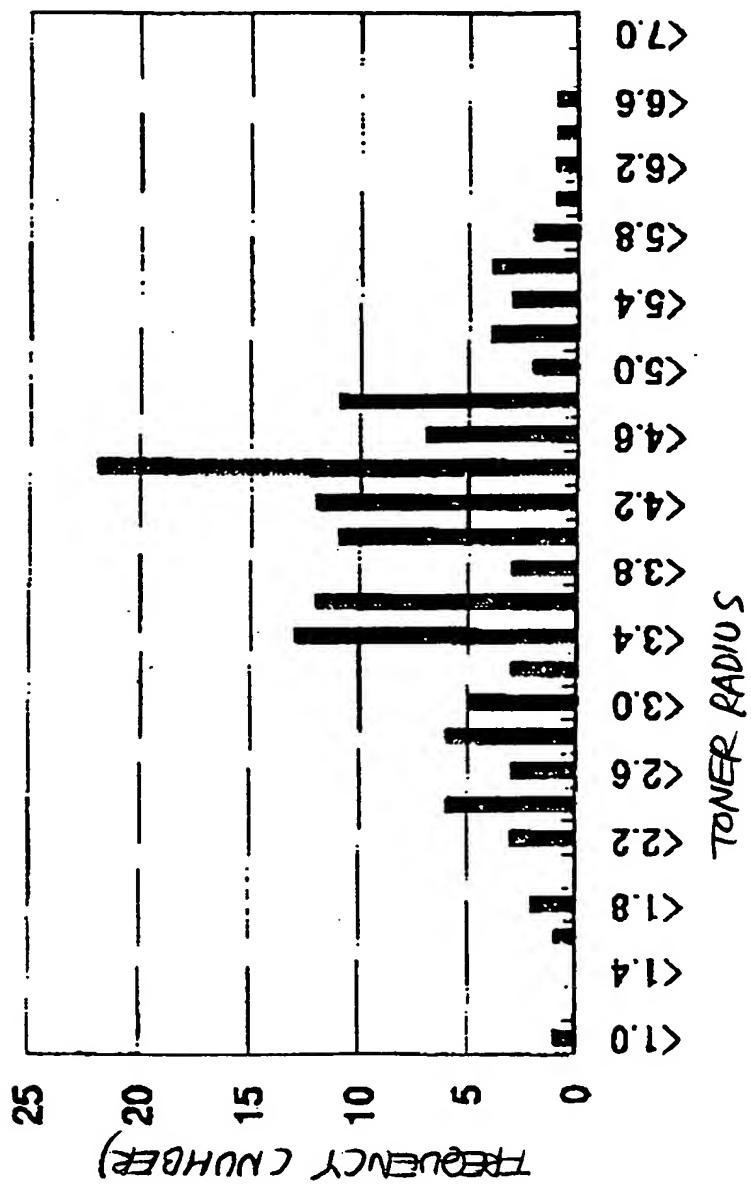


FIG. 59

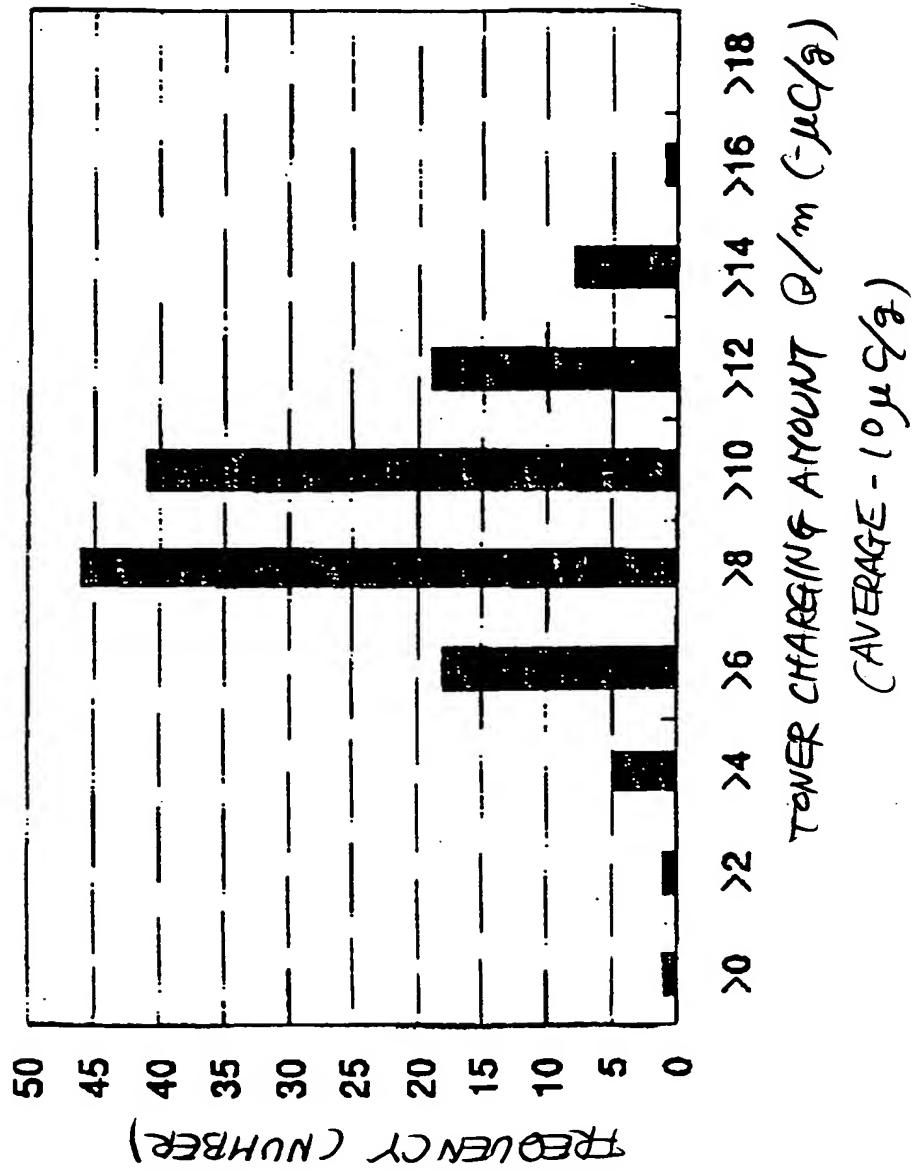


FIG. 60

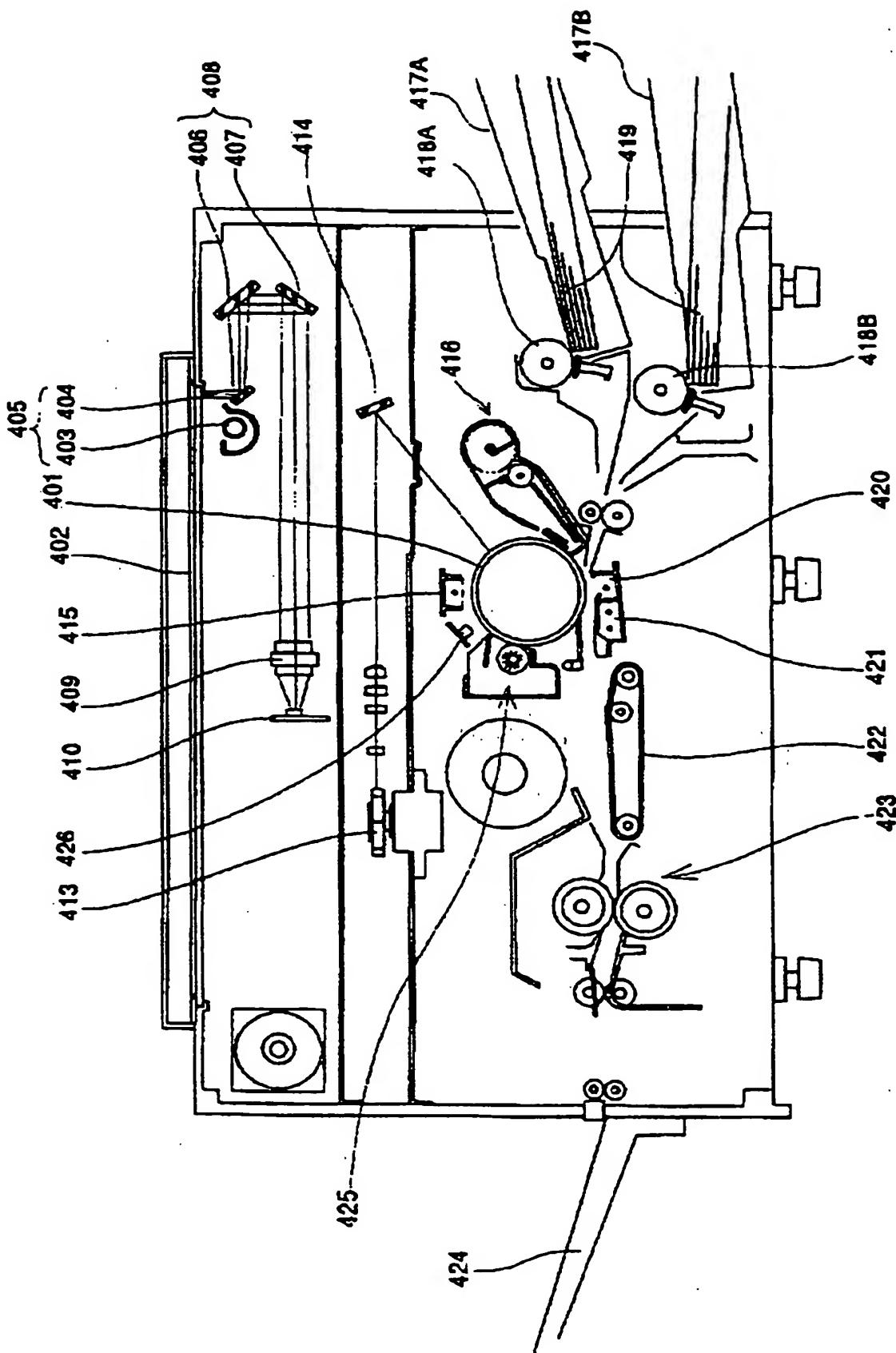


FIG. 61

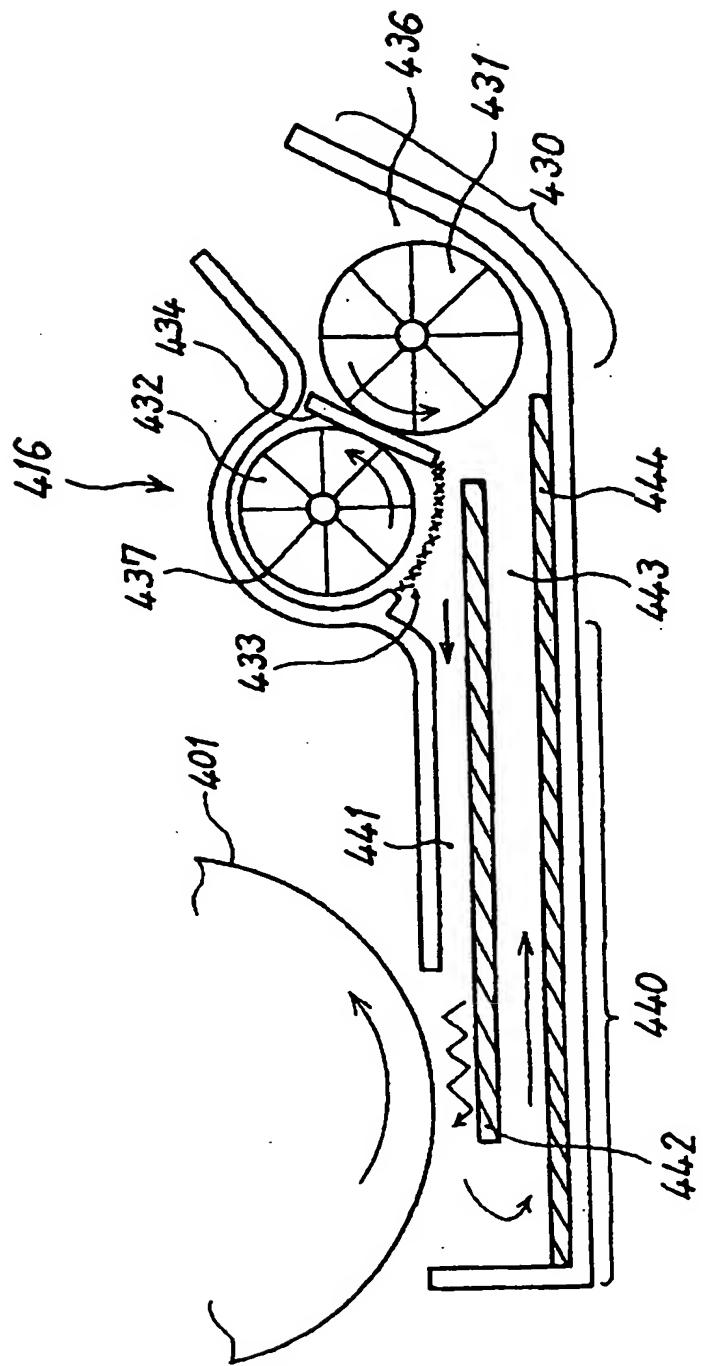


FIG. 62

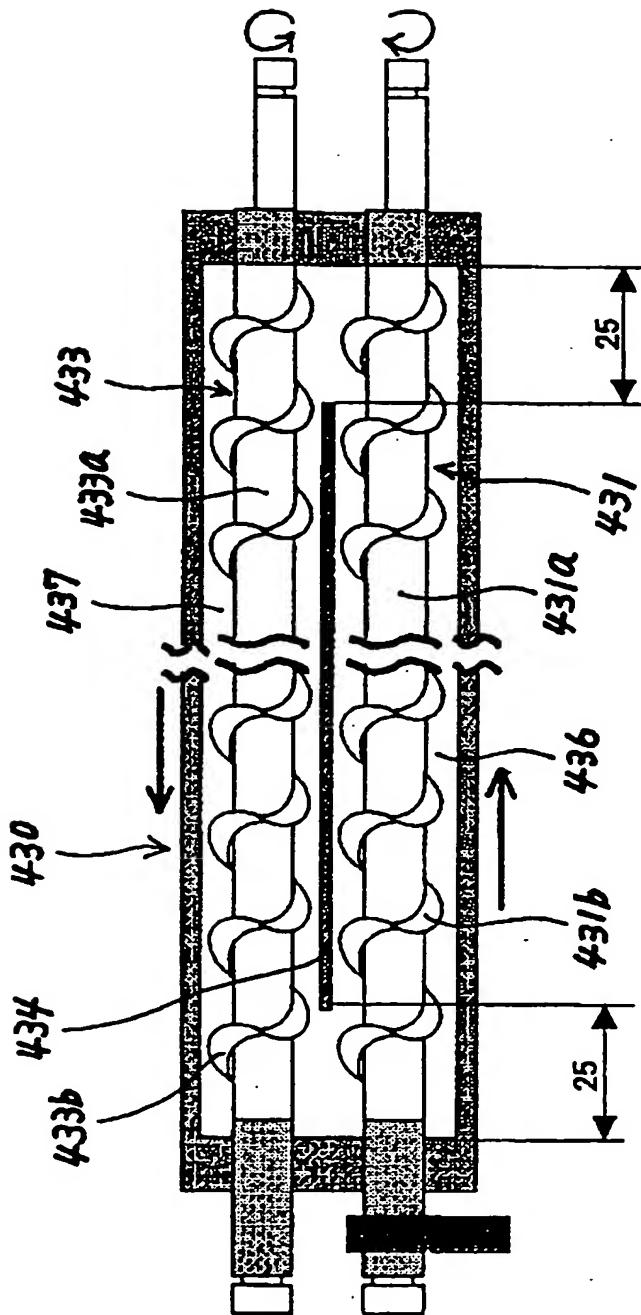


FIG. 63

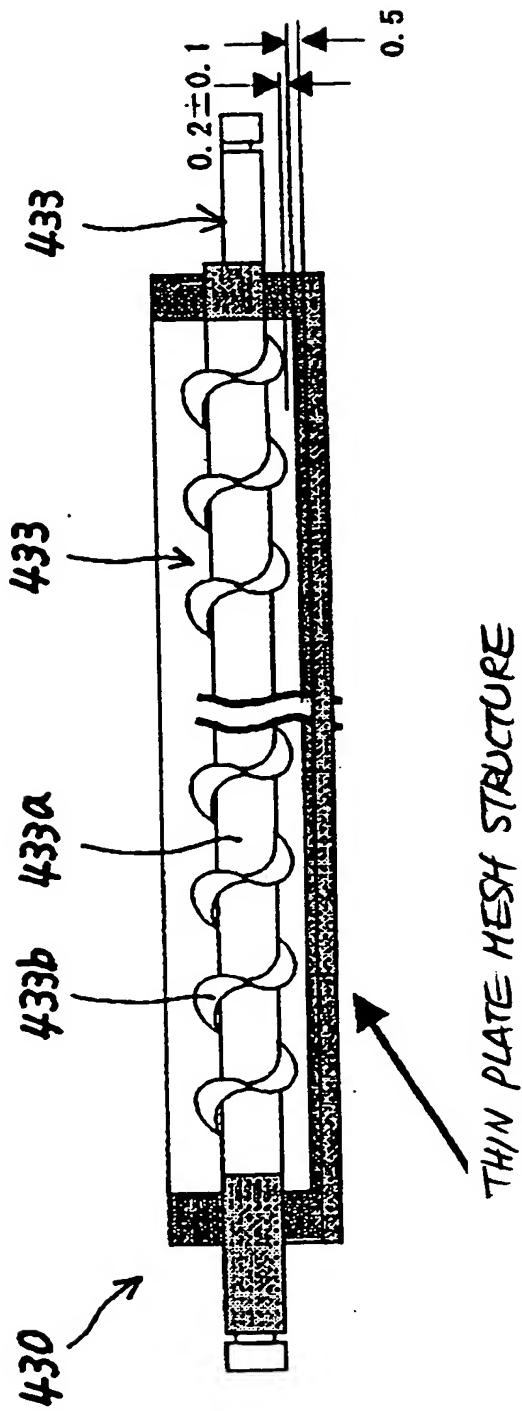
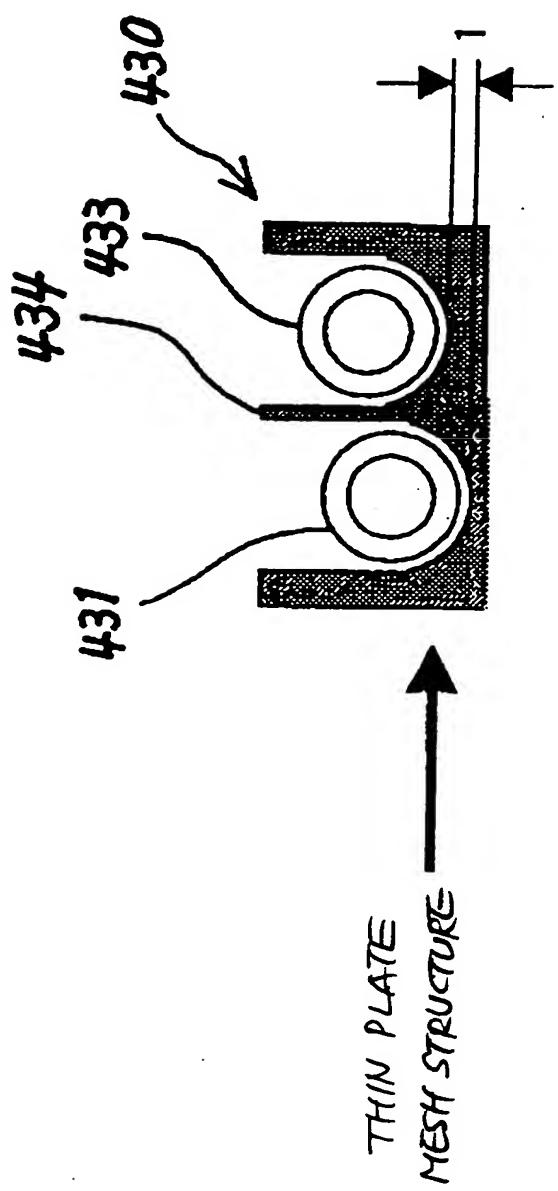


FIG. 64



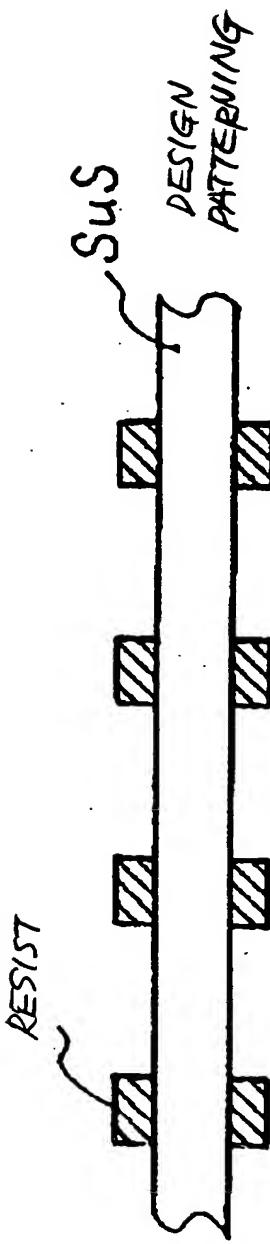


FIG. 65A

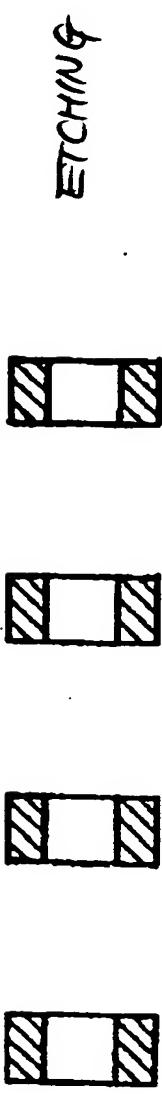


FIG. 65B

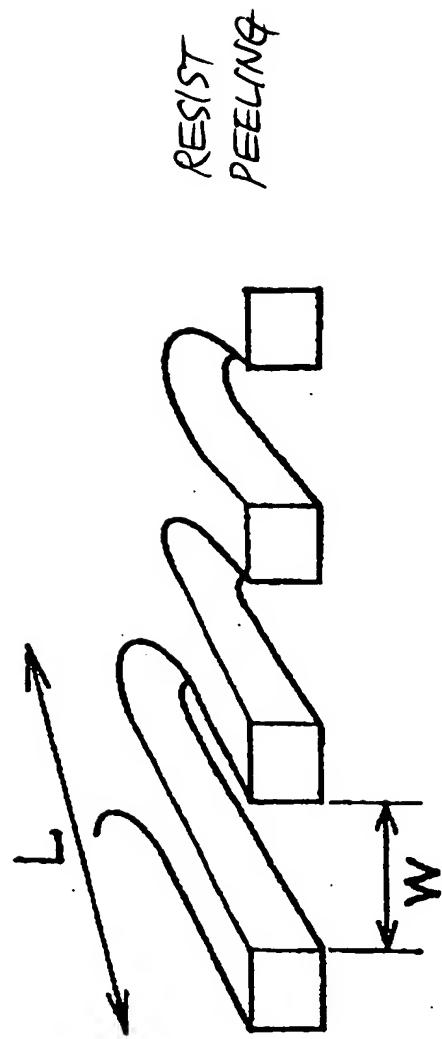


FIG. 65C

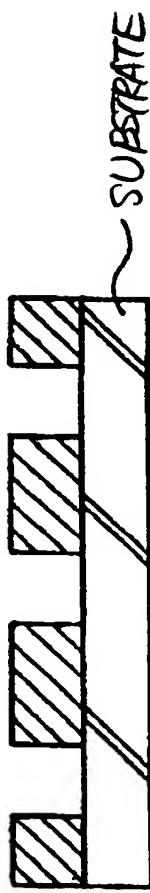


FIG. 66A

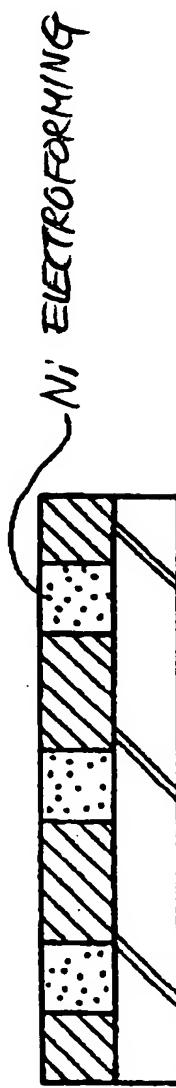


FIG. 66B



FIG. 66C

FIG. 67A

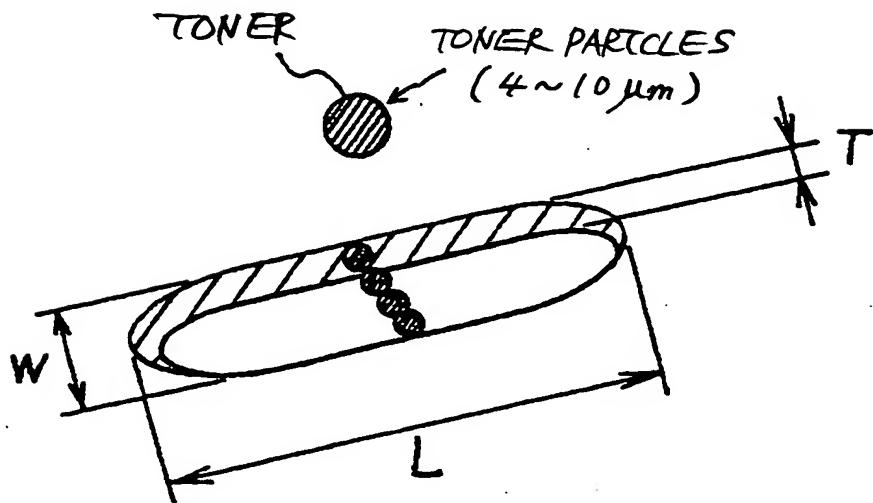


FIG. 67B

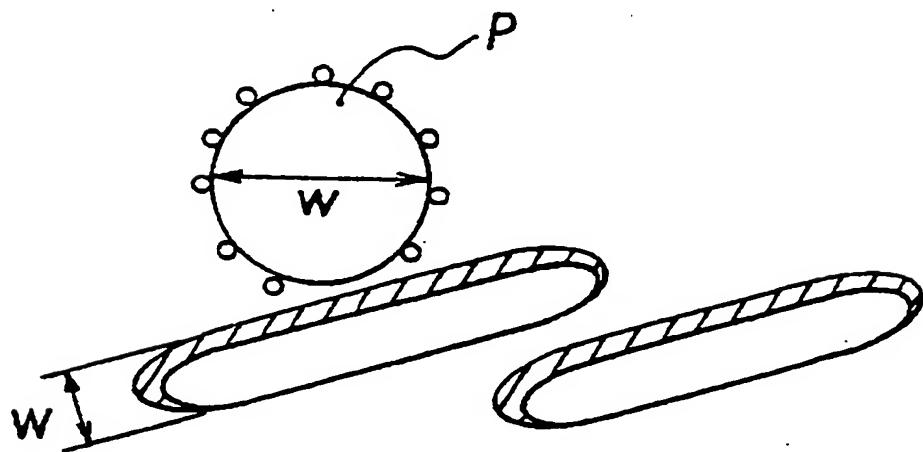


FIG. 68

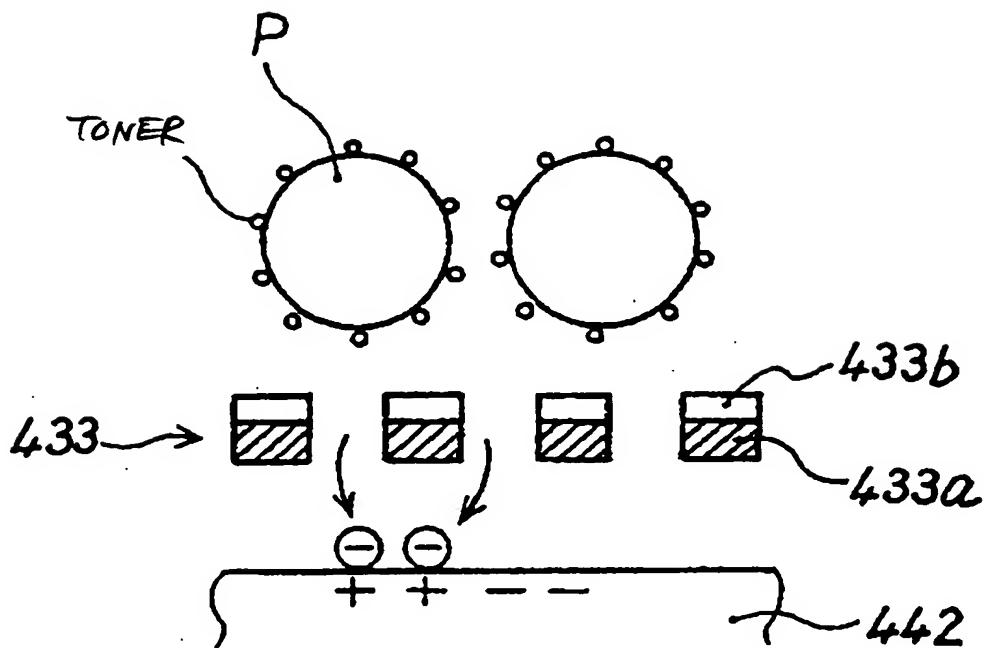


FIG. 69

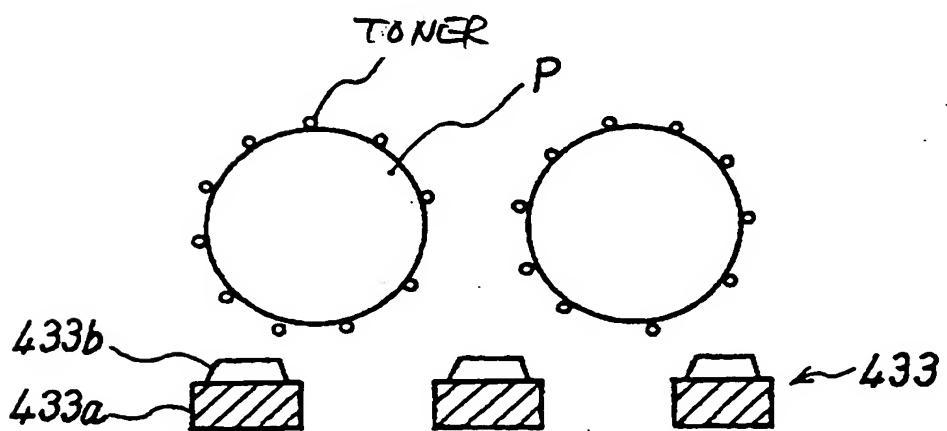


FIG. 70

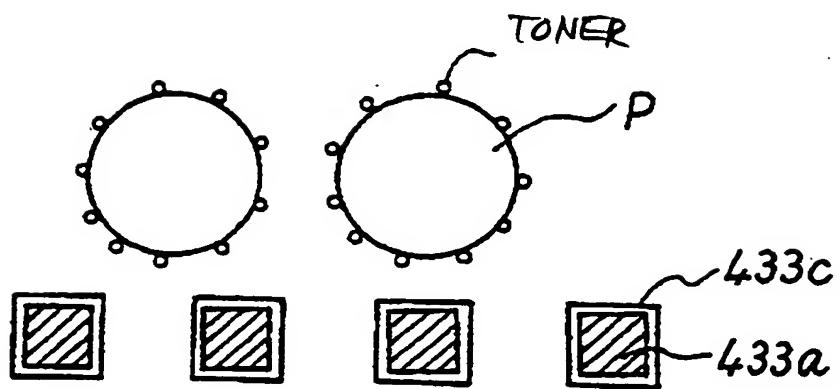


FIG. 71

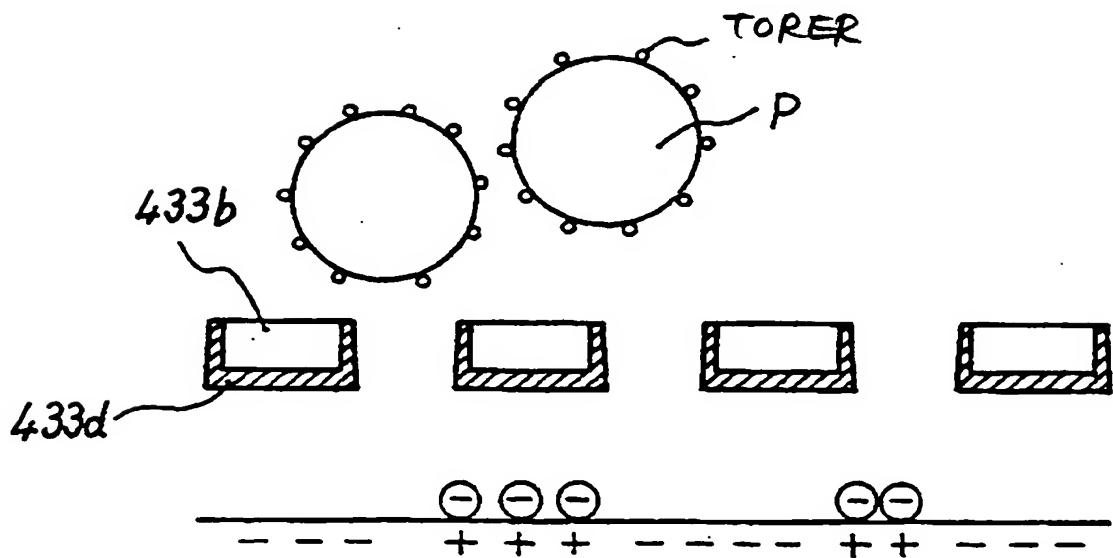


FIG. 72

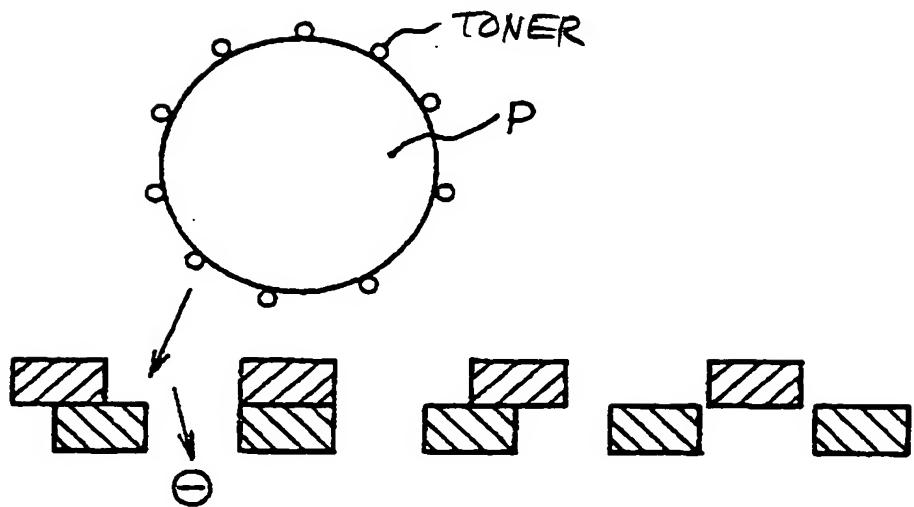


FIG. 73

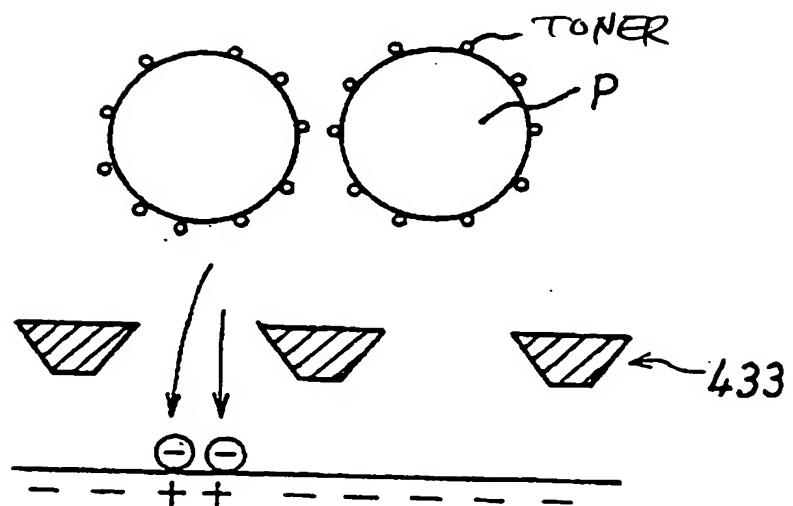


FIG. 74

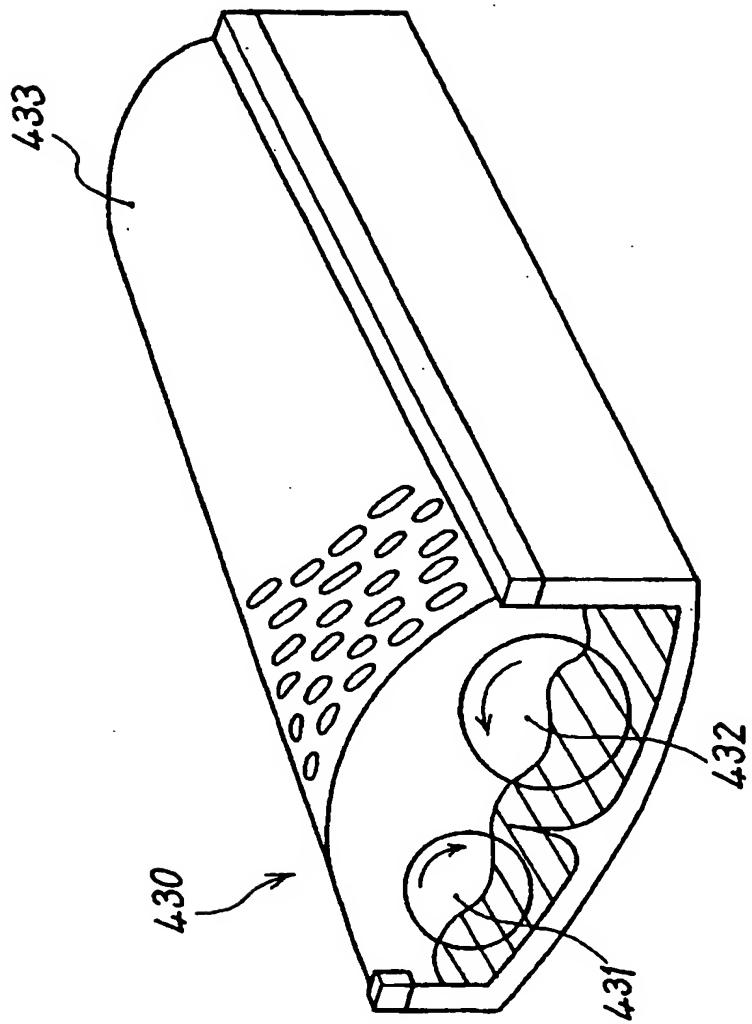


FIG. 75

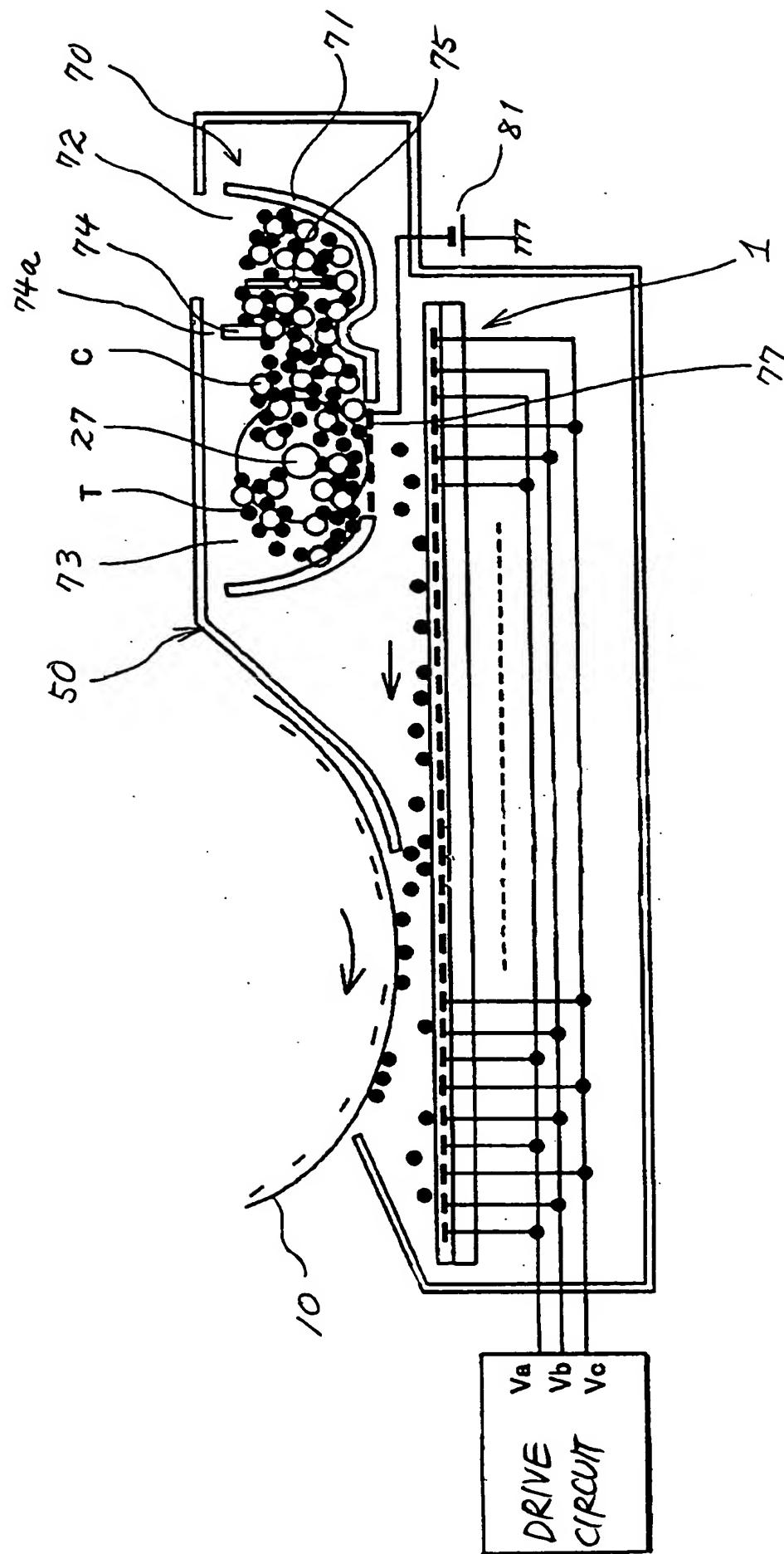


FIG. 76

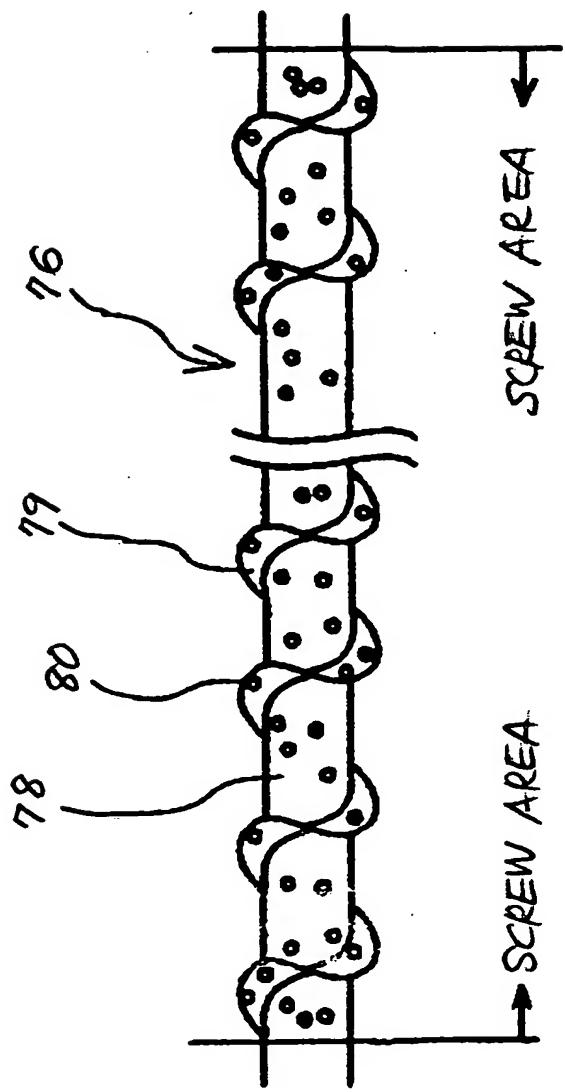


FIG. 77

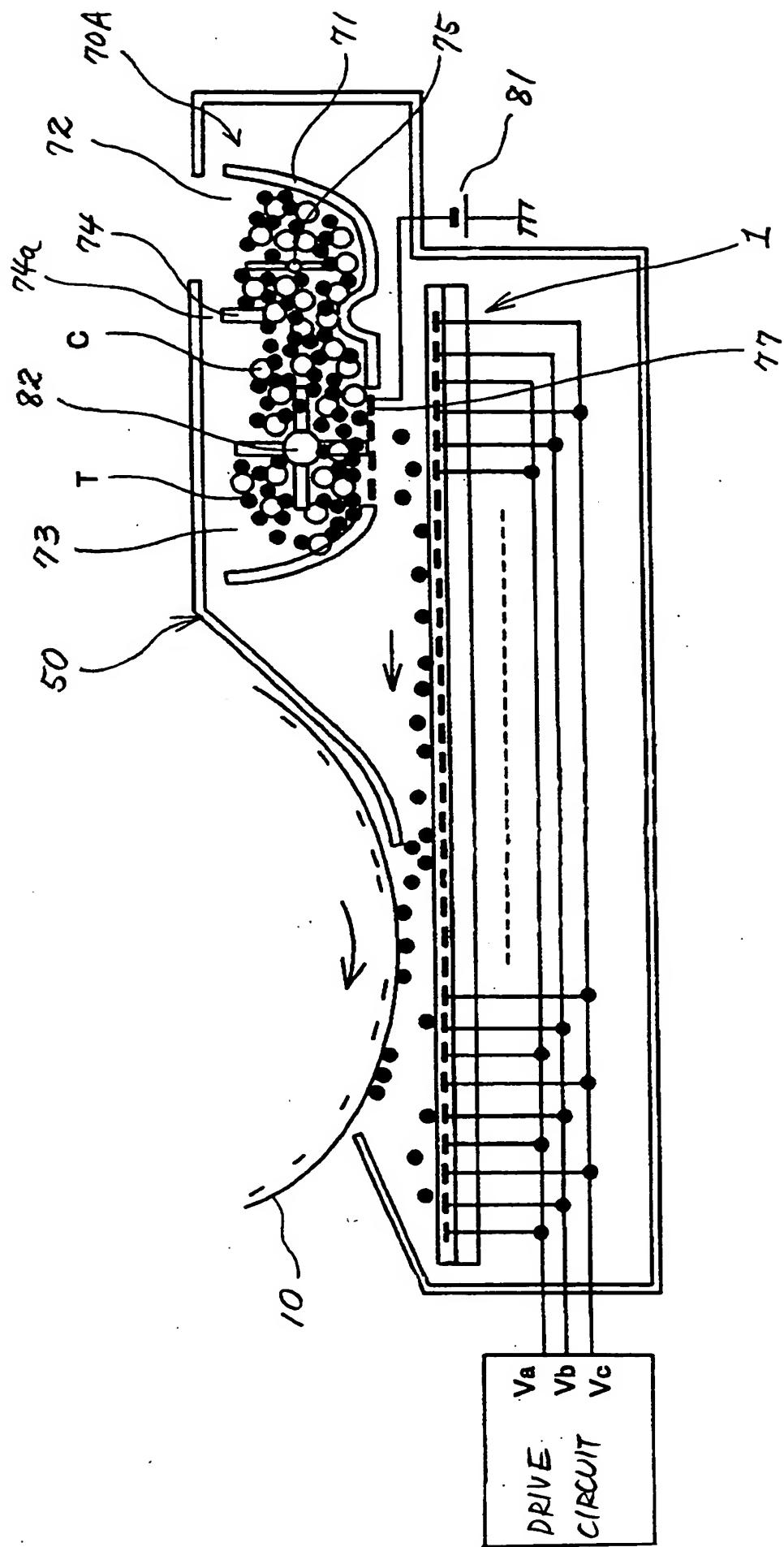


FIG. 78

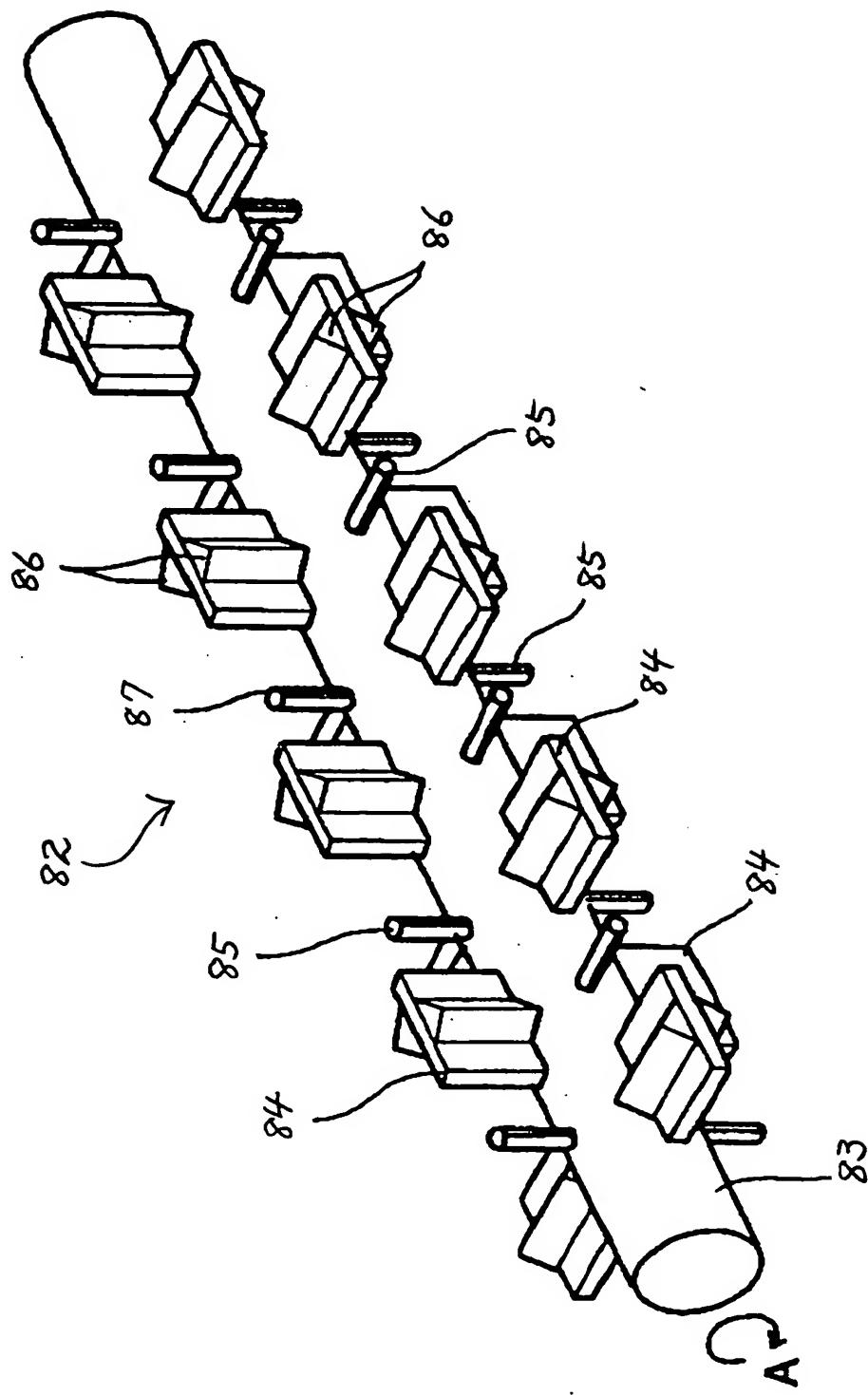


FIG. 79A

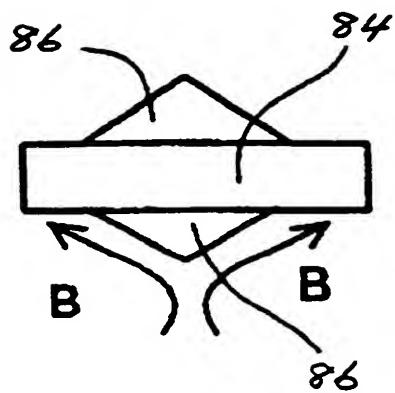


FIG. 79B

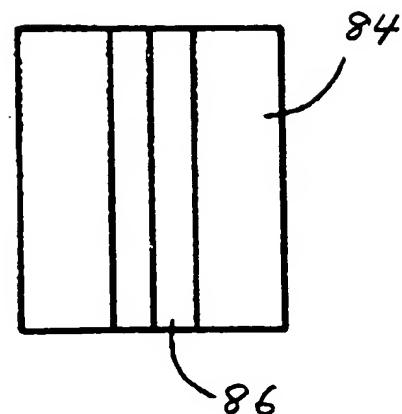


FIG. 80A

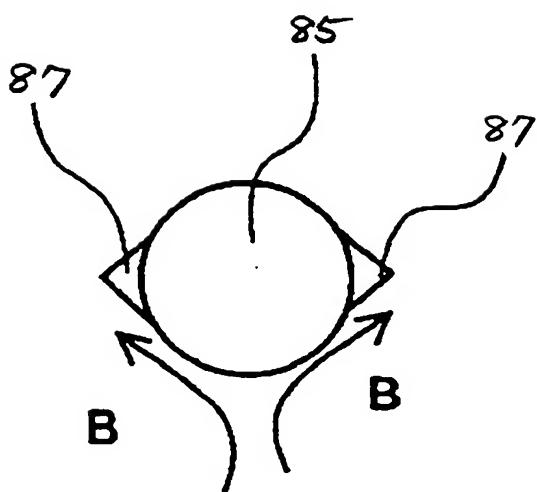


FIG. 80B

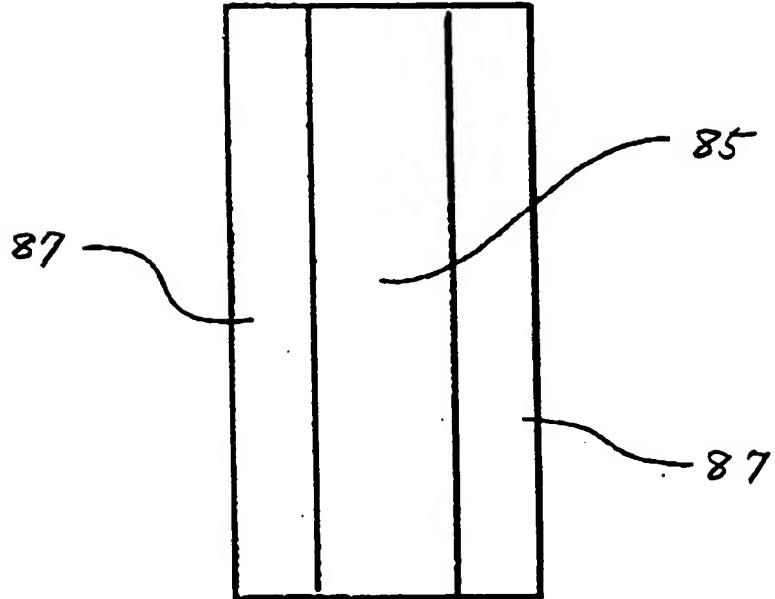


FIG. 81

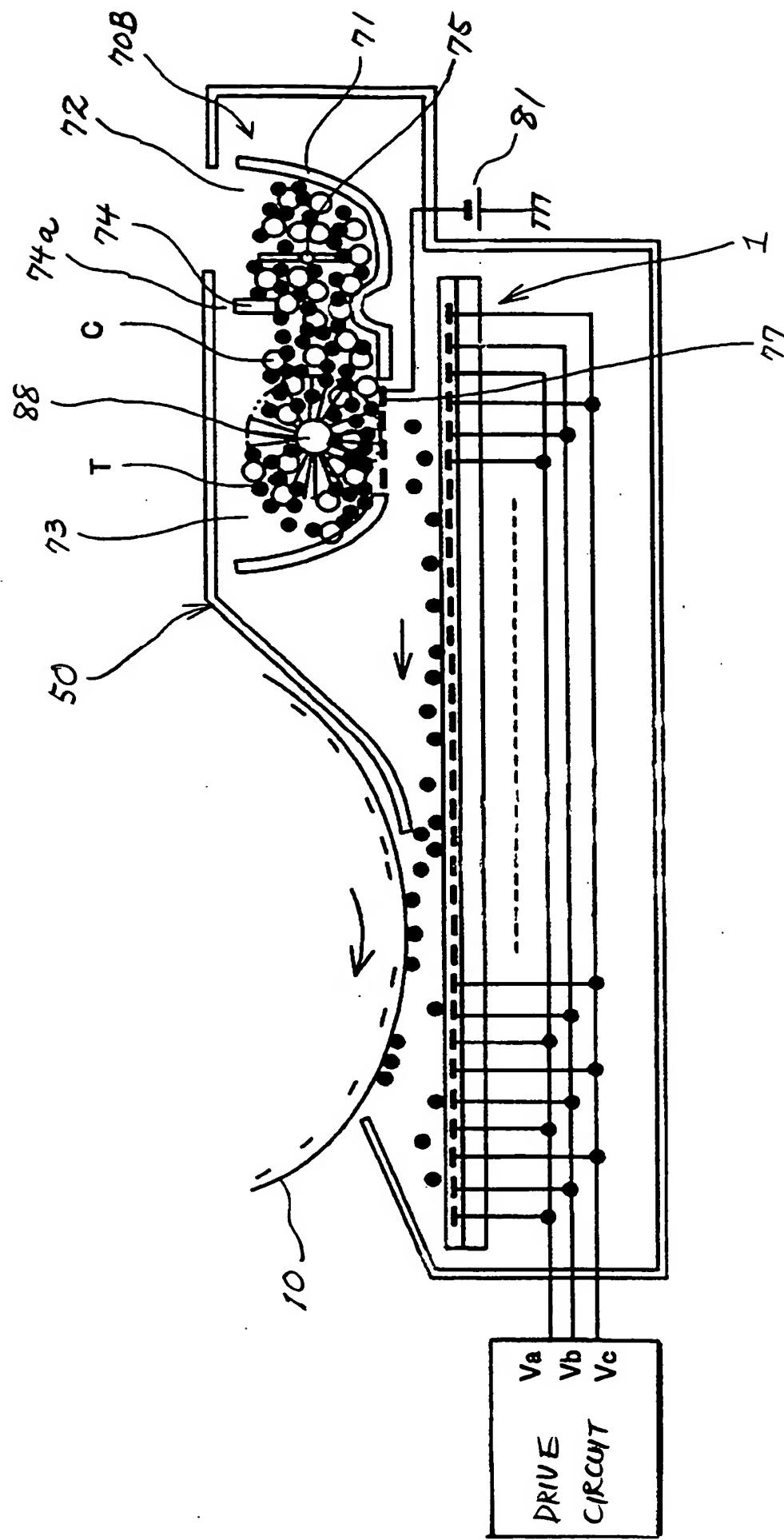


FIG. 82

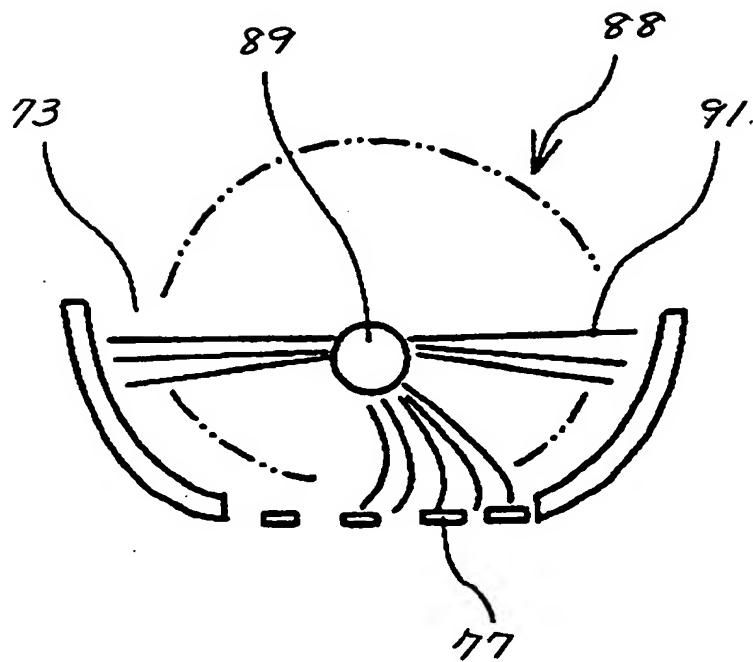


FIG. 83

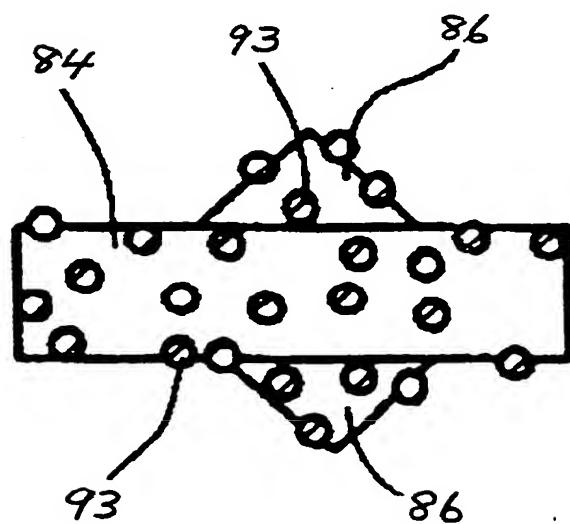


FIG. 84

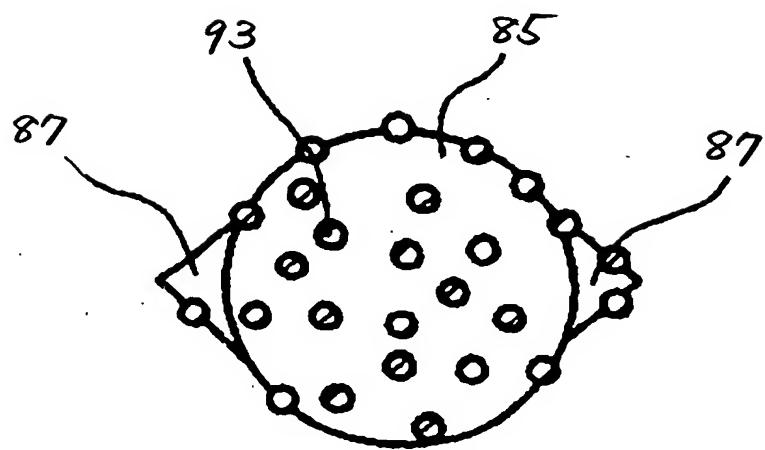


FIG. 85

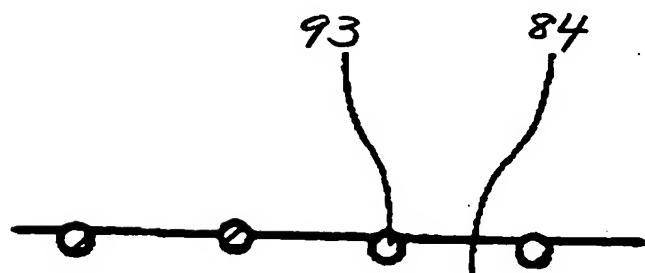


FIG. 86

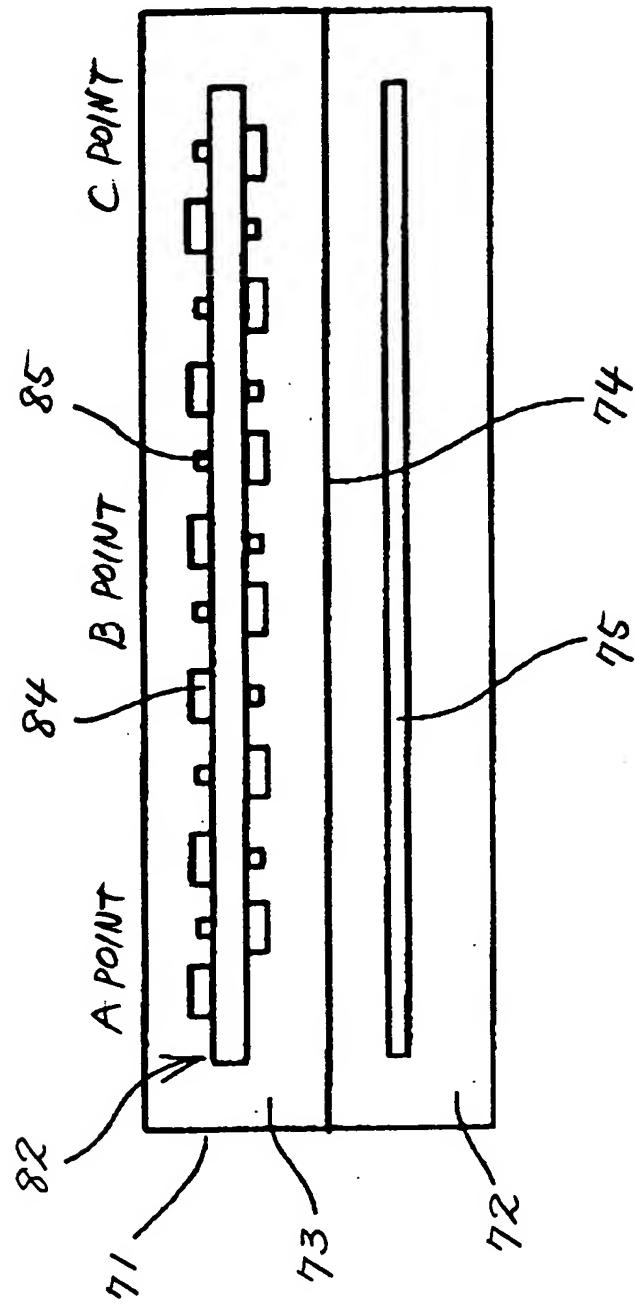


FIG. 87

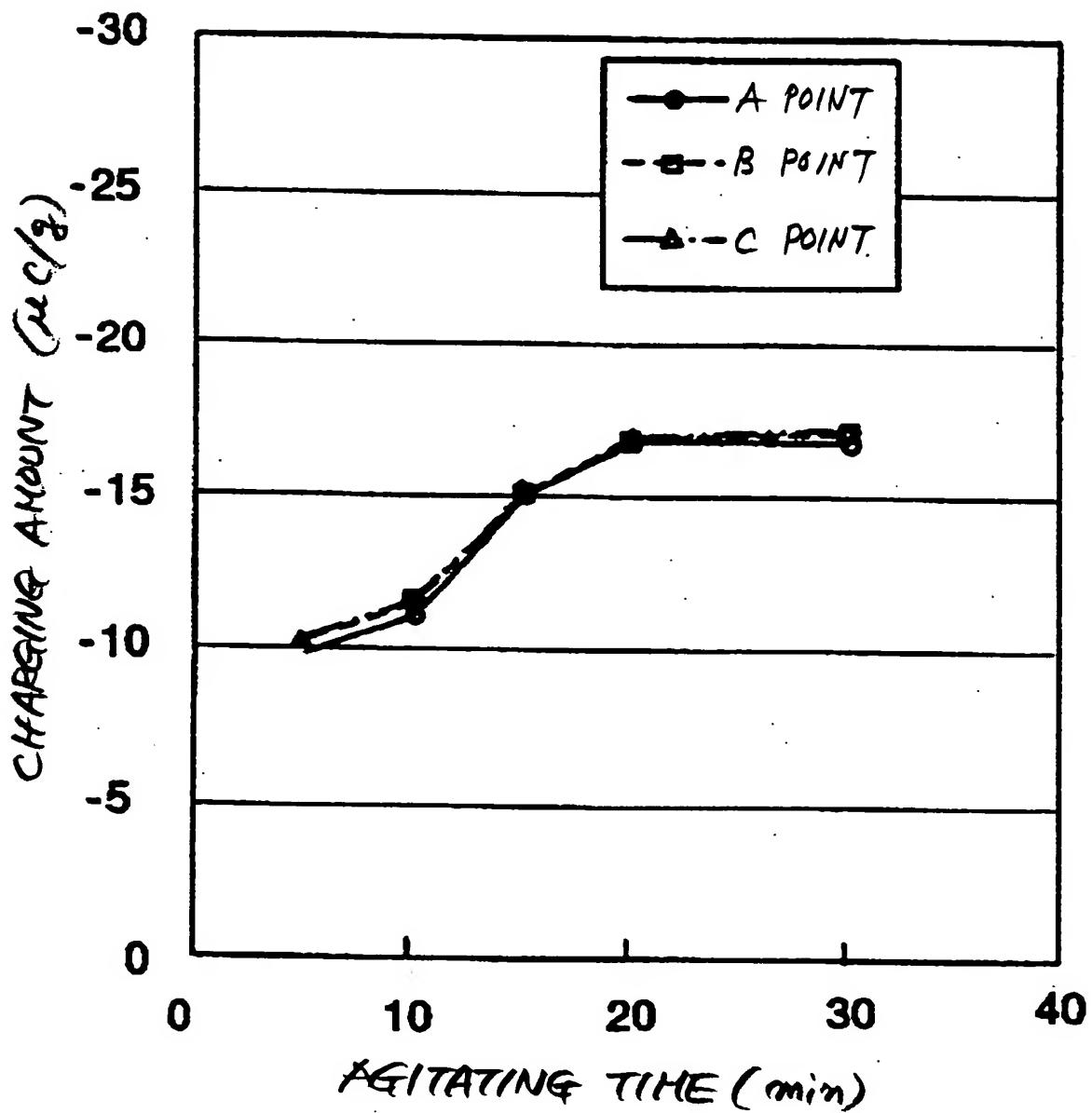


FIG. 88

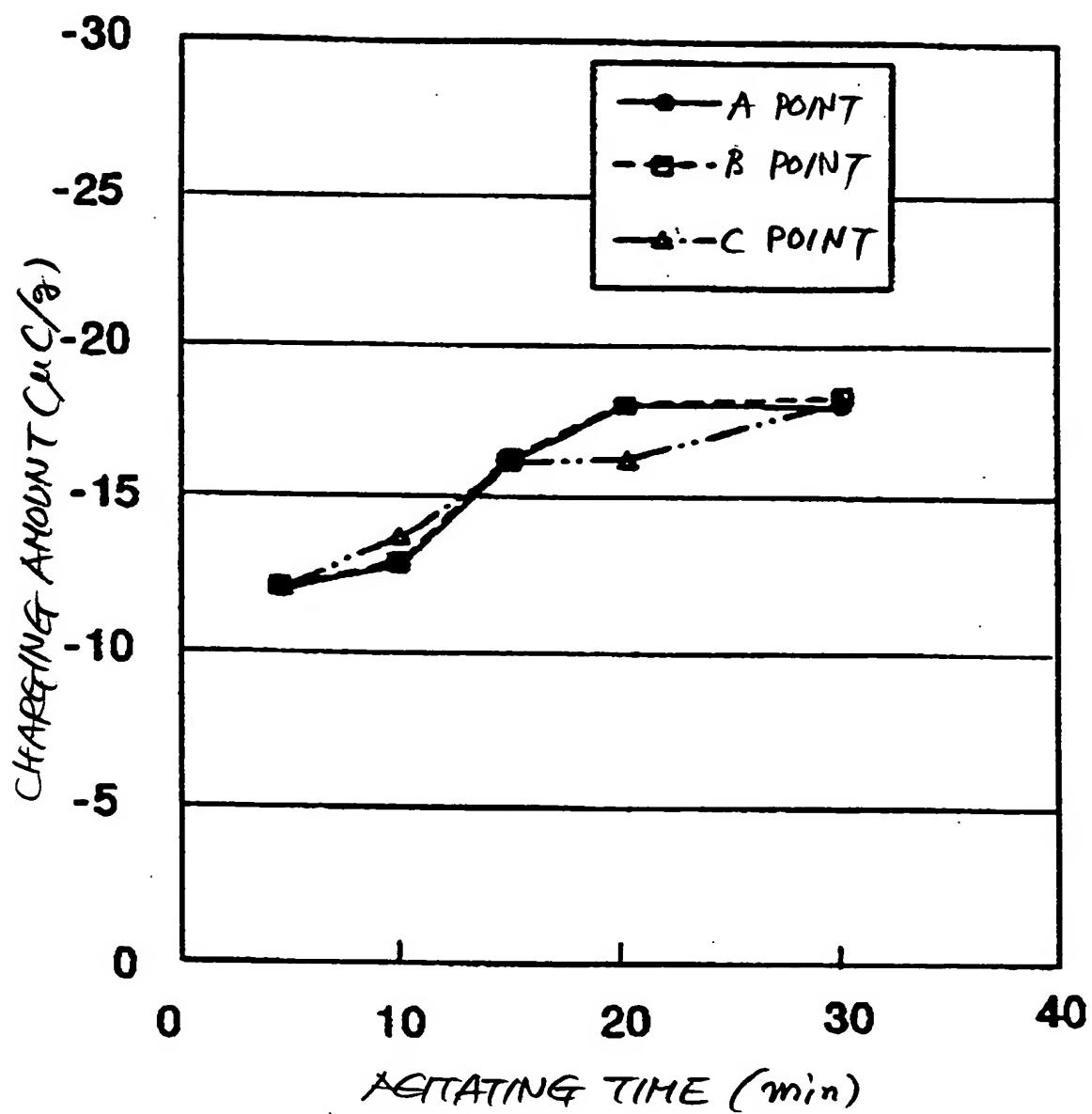


FIG. 89

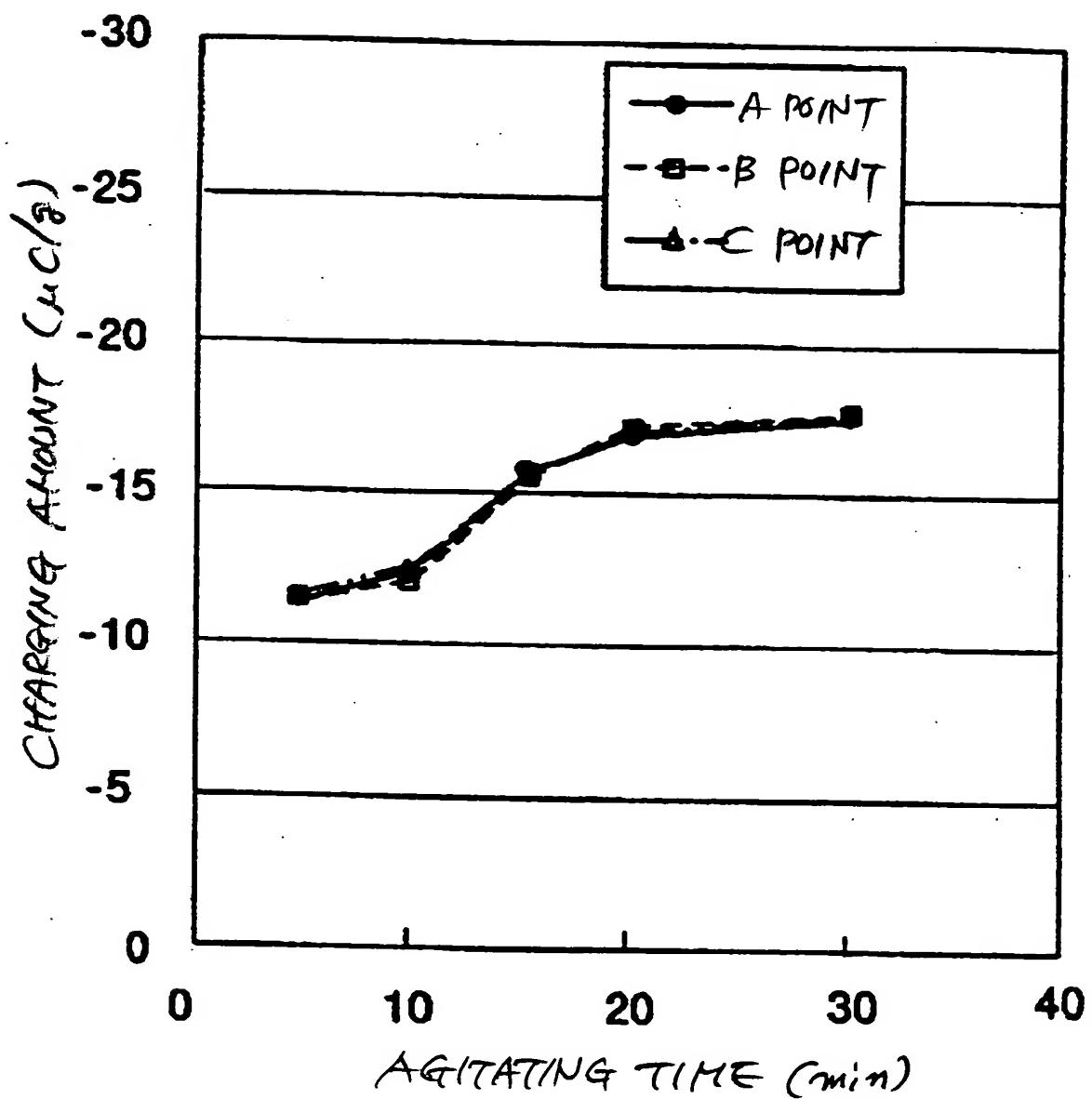


FIG. 90

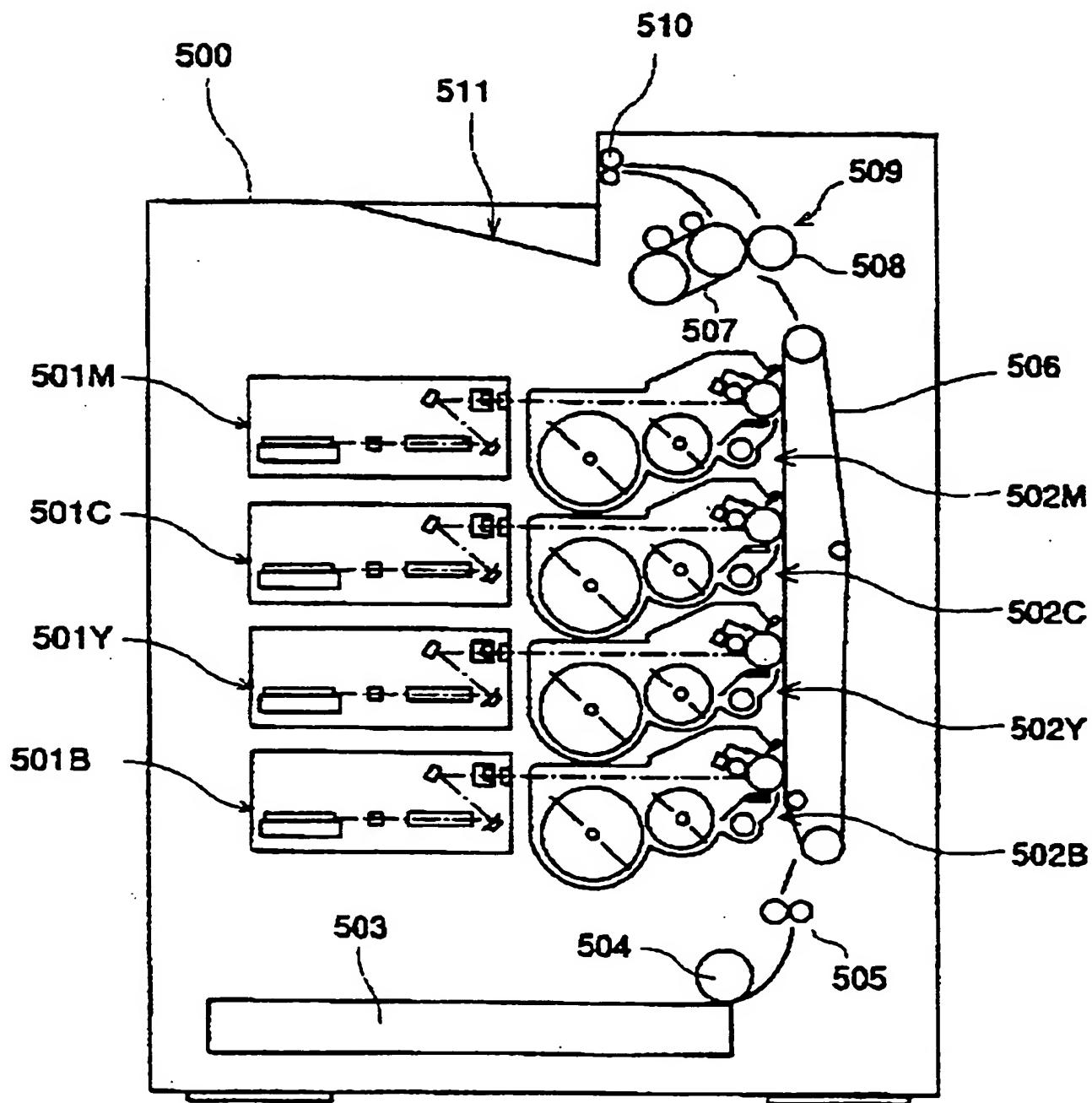


FIG. 91

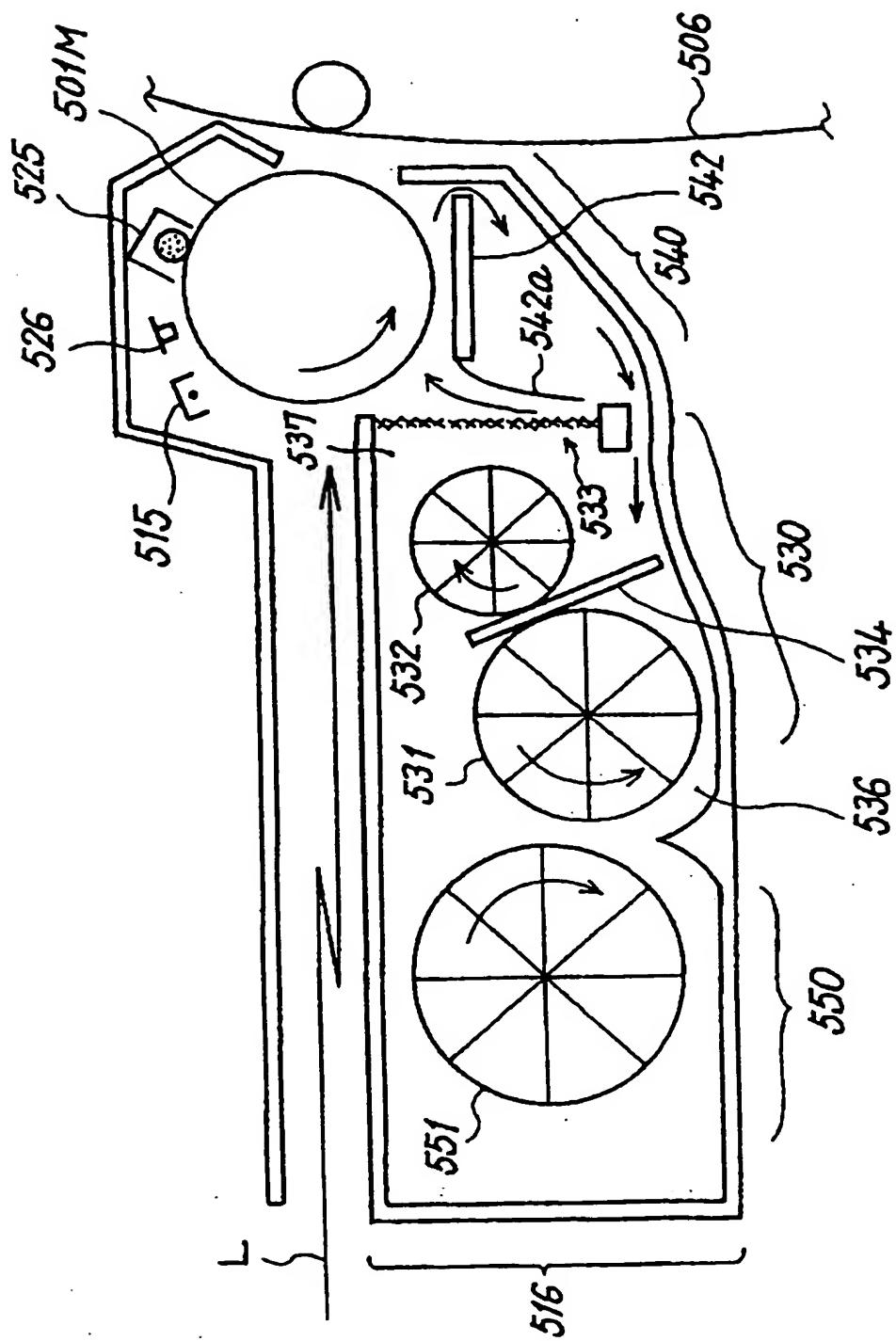


FIG. 92

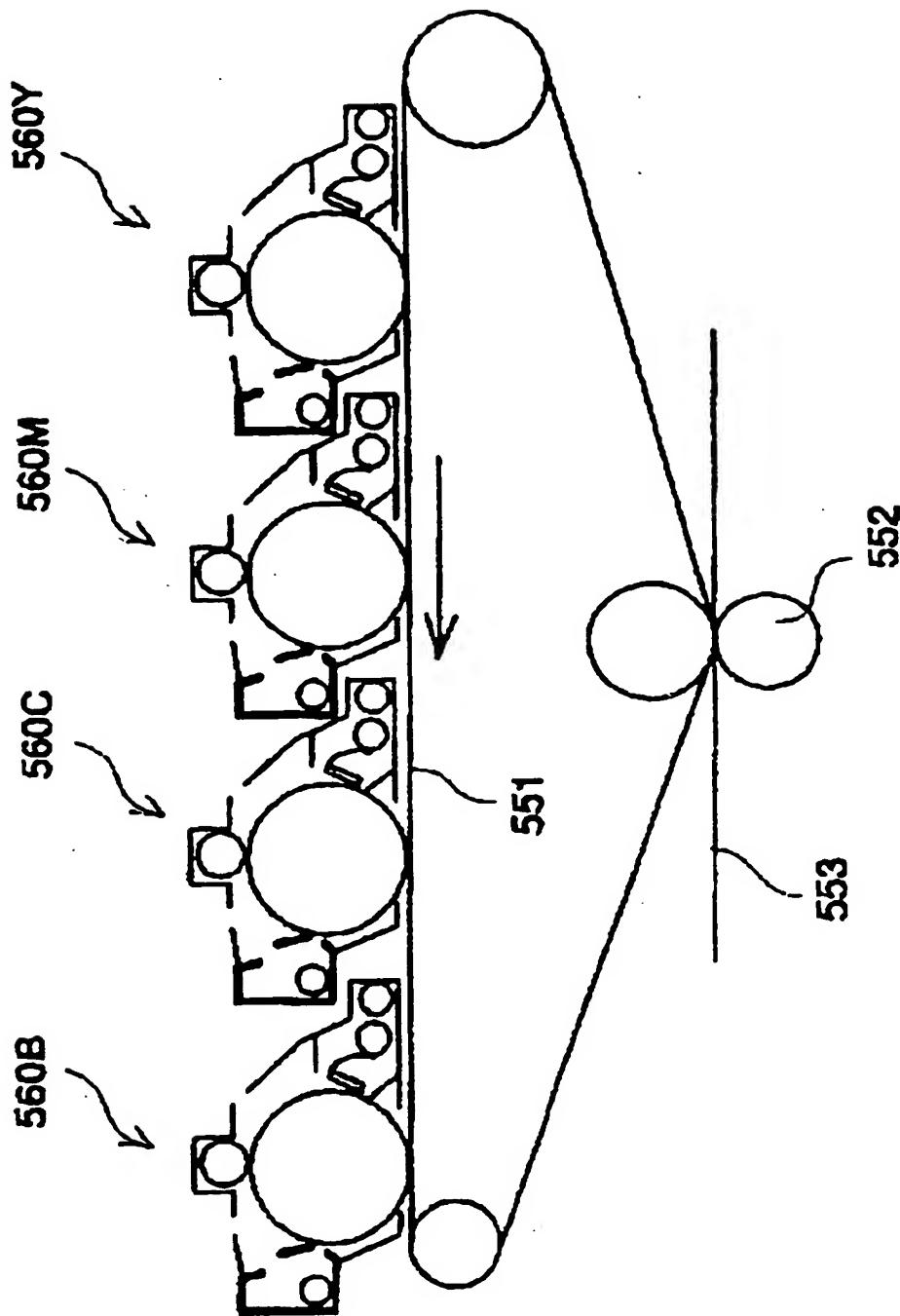


FIG. 93

